



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.2.3	Number of research projects per teacher funded by government and non-government agencies during the last five years
3.2.3.1	Number of research projects funded by government and nongovernment agencies during the last five years

Supporting Documents

1	E-copies of the grant award letters for research projects sponsored by government and non-government agencies (Year : 2015-16)
----------	---

Faculty of Technology & Engineering

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
4th Floor, East Tower, N.B.C.C. Place, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110003

Ref. No.: 8-209/RIFD/RPS/POLICY-1/2014-15

March 25, 2015

The Drawing and Disbursing Officer
All India Council for Technical Education
7th Floor, Chandralok Building,
Connaught Place, New Delhi - 110 001.

Sub: Release of Grants under Research Promotion Scheme (RPS) Scheme during the financial year 2014-15.

Sir,

This is to convey the sanction of the Council for payment of **Rs.1429412/-** (Rupees Fourteen Lakh TwentyNine Thousand Four Hundred Twelve Only) for the financial year 2014-15 under the Research Promotion Scheme (RPS) as Grant-in-aid for meeting the expenditure for implementing the Scheme in order to create & update general research capabilities, as per details given below:

1.	Name of the Beneficiary Institution (University / College / Institution)	:	CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY EDUCATION CAMPUS, AT & PO: CHANGA, TA:PETLAD, DIST:ANAND, GUJARAT-388421.
2.	Principal Investigator's Name & Deptt./Course	:	Dr. MAYUR SUTARIA ADVANCED MANUFACTURING TECHNOLOGY
3.	Grant-in-aid Sanctioned	:	Rs.1588235/- [Rs.1350000 /- for non-recurring and Rs.238235/- for recurring expenditure]
4.	Amount to be Released during the year 2014-15 (100% of non-recurring and 1/3 rd of recurring expenditure of year 1 remaining recurring in year 2 and 3)	:	Non Recurring : Rs. 1350000/- Recurring (1st Year): Rs.79412/- Total : Rs.1429412/-
5.	Approved Duration	:	3 Years (Three Years)
6.	Title of the Project	:	Time-varying Performance Evaluation of Boundary Mould Elements (Feed-aids) for Effective Application of CAD and Simulation Technologies in Indian Foundries

1. The sanctioned grant-in-aid is debatable to the major "601.1(a) RPS" (Gen.) and is valid for payment for the financial year 2014-15.
2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of **Director/Registrar/ Principal, CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY, EDUCATION CAMPUS, AT & PO: CHANGA, TA:PETLAD, DIST:ANAND, GUJARAT-388421** through RTGS.
3. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The **Principal/Director/Registrar** shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior the issuance of the approval letter is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse.

Contd...2/-



:: 2 ::


4. Each project sanctioned by AICTE is assigned a specific Ref. No. which is on pre-page. All correspondence address to AICTE regarding the project must quote this number along with year of sanction of the project; otherwise the correspondence may not be entertained.
5. The accounts of the grantee will be open for test check by the Council or Comptroller & Audited General of India or by any Officer designated by them.
6. The institute/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.
7. The grantee shall utilize grants on only approved items of expenditure (list enclosed). However in case of the grantee wishes to recast the project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India.
8. The assets acquired wholly or substantially out of all India Council for Technical Education's grant shall not be disposed or encumbered or utilize the purpose other than those for which the Grant was given without proper sanction of the all India Council for Technical Education.
9. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register or assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
10. The interest on the sanctioned Grant-in-Aid will be treated as a part of the grant and shall be adjusted against recurring expenditure of future installments, if any.
11. The Annual Progress Report in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion of each financial year.
12. Project Completion Report (PCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format, utilization in the format and GFR-19 shall be submitted to the Council.
13. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education as early as possible after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
14. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the council from time to time.

Contd...3/-



15. The Grantee shall fully implement to the official language policy of Union Government and comply with the official language Act, 1963 and official language (use of official purposes of the Union Rules, 1976 etc.)
16. The funds to the extent are available under the scheme.
17. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and Principles of the scheme.
18. The Council does not permit engagement of any staff for the RPS project.
19. **It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately.**

Yours sincerely,


(Vinita Arya)
Director (RIFD)

Note: The prescribed formats and Terms & Conditions are available in the application brochure.

Copy forwarded for information and necessary action to:

1. **THE PRINCIPAL
CHANDUBHAI S. PATEL INSTITUTE OF
TECHNOLOGY,
EDUCATION CAMPUS, AT & PO:
CHANGA, TA:PETLAD, DIST:ANAND,
GUJARAT-388421.**
2. ✓ **Dr. MAYUR SUTARIA
DEPT. OF MECHANICAL ENGINEERING,
CHANDUBHAI S. PATEL INSTITUTE OF
TECHNOLOGY,
EDUCATION CAMPUS, AT & PO: CHANGA,
TA:PETLAD, DIST:ANAND, GUJARAT-388421.**
3. **Office of Director General of Audit
GENERAL REVENUES,
AGCR BUILDING
I. P. STATE, NEW DELHI-110 002.**
4. **Guard File**

✓

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY



सत्यमेव जयते

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2015-16/ 2630

28th March, 2016

Mr. Dattatraya Subhedar,

Assistant Professor,

Department of Mechanical Engineering,

Chandubhai S Patel Institute Of technology,

Charotar University of science and Thechnology (CHARUSAT) -388421

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Experimental investigation of Nanofluid thermal Conductivity Enhancement" by Mr. Dattatraya Subhedar.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on "Experimental investigation of Nanofluid thermal Conductivity Enhancement" .GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs.4,70,000/- for two years time period.

As per the GUJCOST MRP guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU and bank detail at the earliest so that necessary financial assistance may be released.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

Account Ledger

For period from 01/04/2015 To 31/03/2016

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		ENDOW. FUND F. D. [DEPARTMENT OF MECH. ENGG]	Opening Balance	2,798,926.00
31/03/2016	J V /JV	UBI-CHANGA BRNACH ACCRUED INTEREST (260534/ -RS.)ON 31/03/2016, FOR FIX DEPOSIT-ENDOW.FUND F D.DEPT.OF MECH.ENGG(RAJENDRABHAI B ENGINEER),TDR NO. NO.311803030449570,25,00,000/ -RS.ON 24/12/2013. AS PER BANK INTEREST CERTIFICATE.	247,161.00	
		Transaction Total	247,161.00	
		Opening + Transaction Total	3,046,087.00	
		Closing Balance		3,046,087.00



सत्यमेव जयते

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo
Advisor & Member Secretary

No: GUJCOST/ SSP/ 2015-16/ 1606

15th Dec, 2015

Prof. Ravi Patel

Professor,

Chandubhai S Patel Institute of Technology,

Charusat Campus, Changa,

Anand- 388421

Sub: Award of GUJCOST Student Sci-Tech Project Grant for the proposal on "Home Automation using raspberry pi" By Prof. Ravi Patel.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

GUJCOST has received the Student Sci-Tech Projects proposal from Mr. Ravi Shonkwani and Mr. Abhishek Milind, student of Chandubhai S Patel Institute of Technology, Changa, entitled "Home Automation using raspberry pi" under the guidance of Prof. Ravi Patel.

The Expert Committee has reviewed the project proposal and recommended the financial grant of **Rs. 23,400/-** for one year time period. We are enclosing herewith the copy of sanctioned order with cheque in favor of your institute bank account. You are requested to initiate the work as per the proposal.

We request you to please acknowledge us the stamped receipt of the above payment for our record.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

- 7) GUJCOST should be acknowledged in project report and in any publication made as outcome of the project under the project. Copy of publication will have to submit to GUJCOST with report.
- 8) In case institute is not executing the project, institute will have to immediately returned the money to Member Secretary, Gujarat Council on Science & Technology by DD/ Cheque payable at Gandhinagar with interest accrued if any.

The Cheque / DD of Rs. 23,400/- (Rupees twenty three thousand four hundred only) shall be issued in favor of "CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY" payable at Changa.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

1. Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
2. Darshana T. Bhatti, Professor, Department Chemical Engineering, VVP Engineering College, Rajkot
3. Concerned Project Manager
4. Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr. Narottam Sahoo
Advisor & Member Secretary

No: GUJCOST/ SSP/ 2015-16/ 1605

15th Dec, 2015

Prof. Hemant N Yadav

Professor,

Chandubhai S Patel Institute of Technology,

Charusat Campus, Changa,

Anand- 388421

Sub: Award of GUJCOST Student Sci-Tech Project Grant for the proposal on "Intranet based E-Book Search Engine" By Prof. Hemant N Yadav.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

GUJCOST has received the Student Sci-Tech Projects proposal from Mr. Avinash Bhatt and Ms. Suhani Shah, student of Chandubhai S Patel Institute of Technology, Changa, entitled "Intranet based E-Book Search Engine" under the guidance of Prof. Hemant N Yadav.

The Expert Committee has reviewed the project proposal and recommended the financial grant of Rs. **10,500/-** for one year time period. We are enclosing herewith the copy of sanctioned order with cheque in favor of your institute bank account. You are requested to initiate the work as per the proposal.

We request you to please acknowledge us the stamped receipt of the above payment for our record.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

- 7) GUJCOST should be acknowledged in project report and in any publication made as outcome of the project under the project. Copy of publication will have to submit to GUJCOST with report. ,
- 8) In case institute is not executing the project, institute will have to immediately returned the money to Member Secretary, Gujarat Council on Science & Technology by DD/ Cheque payable at Gandhinagar with interest accrued if any.

The Cheque / DD of Rs. 10,500 (Rupees ten thousand five hundred only) shall be issued in favor of "CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY" payable at Changa.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.


Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- 1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- 2) Prof. Hemant N Yadav, Chandubhai S Patel Institute of Technology, Changa
- 3) Concerned Project Manager
- 4) Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr. Narottam Sahoo
Advisor & Member Secretary

No: GUJCOST/ SSP/ 2015-16/1604

15th Dec, 2015

Prof. Pinal Shah

Professor,

Chandubhai S Patel Institute of Technology,

Charusat Campus, Changa,

Anand- 388421

Sub: Award of GUJCOST Student Sci-Tech Project Grant for the proposal on "Automatic Invoice Generator Trolley" By Prof. Pinal Shah.

Dear Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

GUJCOST has received the Student Sci-Tech Projects proposal from Mr. Dhairya Pujara, Mr. Avinash Bhatt, Mr. Raj Popat and Mr. Sanyam Dobariya, student of R Chandubhai S Patel Institute of Technology, Changa, entitled "Automatic Invoice Generator Trolley" under the guidance of Prof. Pinal Shah.

The Expert Committee has reviewed the project proposal and recommended the financial grant of Rs. **17,700/-** for one year time period. We are enclosing herewith the copy of sanctioned order with cheque in favor of your institute bank account. You are requested to initiate the work as per the proposal.

We request you to please acknowledge us the stamped receipt of the above payment for our record.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

- 5) At the completion of the project two copies of **Final Project Report spiral bound** with photographs, Grant Utilization Certificate and Statement of Expenditure will have to be submitted to GUCOST.
- 6) Copies of Vouchers and Bills of the spent amount and the unspent amount will have to be submitted to GUJCOST.
- 7) GUJCOST should be acknowledged in project report and in any publication made as outcome of the project under the project. Copy of publication will have to submit to GUJCOST with report.
- 8) In case institute is not executing the project, institute will have to immediately returned the money to Member Secretary, Gujarat Council on Science & Technology by DD/ Cheque payable at Gandhinagar with interest accrued if any.

The Cheque / DD of **Rs. 17,700 (Rupees seventeen thousand seven hundred only)** shall be issued in favor of "**CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY**" payable at Changa.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.


Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- 1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- 2) Prof. Pinal Shah, Chandubhai S Patel Institute of Technology
- 3) Concerned Project Manager
- 4) Office file.



Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building. Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo
Advisor & Member Secretary

No: GUJCOST/ SSP/ 2015-16/ 1603

15th Dec, 2015

Prof. Parth Shah

Professor,

Chandubhai S Patel Institute of Technology,

Charusat Campus, Changa,

Anand- 388421

Sub: Award of GUJCOST Student Sci-Tech Project Grant for the proposal on "Book Location Grabber using RFID" By Prof. Parth Shah.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

GUJCOST has received the Student Sci-Tech Projects proposal from Mr. Ravi Pandhi and Mr. Parth Shah, students of Chandubhai S Patel Institute of Technology, Changa, entitled "Book Location Grabber using RFID" under the guidance of Prof. Parth Shah and Prof. Jignesh Patoliya.

The Expert Committee has reviewed the project proposal and recommended the financial grant of Rs. **15,900/-** for one year time period. We are enclosing herewith the copy of sanctioned order with cheque in favor of your institute bank account. You are requested to initiate the work as per the proposal.

We request you to please acknowledge us the stamped receipt of the above payment for our record.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

- 7) GUJCOST should be acknowledged in project report and in any publication made as outcome of the project under the project. Copy of publication will have to submit to GUJCOST with report.
- 8) In case institute is not executing the project, institute will have to immediately returned the money to Member Secretary, Gujarat Council on Science & Technology by DD/ Cheque payable at Gandhinagar with Interest accrued if any.

The Cheque / DD of Rs. 15,900 (Rupees fifteen thousand nine hundred only) shall be issued in favor of "CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY" payable at Changa.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

1. Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
2. Prof. Parth Shah/Jignesh Patoliya, Chandubhai S Patel Institute of Technology, Changa
3. Concerned Project Manager
4. Office file.



Ayesha Shaikh <ayeshashaikh.it@charusat.ac.in>

1322_Re: Additional infrastructure set up in the A-View classroom for the smooth conduct of the T10kT workshops.

3 messages

Ayesha Shaikh <ayeshashaikh.it@charusat.ac.in>
To: workshopfund <workshopfund@cse.iitb.ac.in>

Fri, Sep 11, 2015 at 12:11 PM

Dear Sir/Madam,

Kindly share NEFT transaction detail of infrastructure set up fund.

Thanking you in anticipation.

Regards,

Ayesha Shaikh,
RC ID: 1322

On Thu, Sep 3, 2015 at 12:15 PM, workshopfund <workshopfund@cse.iitb.ac.in> wrote:

Dear Sir/Madam,

With reference to the discussion in the RCC meeting on 29 November 2014 at IIT Bombay, a financial support of **Rs 2.80 Lakh** will now be disbursed to each remote center for augmentation of the infrastructure.

A list of equipment is attached for your reference. If any center already has these equipment, they can upgrade their existing set up or buy the new equipment from the list.

The terms and conditions for utilization of the financial support are as follows:

1. The Remote Center will take full responsibility of utilizing funds released by IIT Bombay for the procurement of equipment and infrastructure development for the smooth conduct of T10kT workshop related activities.
2. The Remote Center will abide by the standard rules and regulations in the procurement process.
3. The Remote Center will send a proper receipt, on Institute letter head with signature of the signing authority on a revenue stamp, within a week of receiving the funds.
4. An audited Utilization Certificate *(UC)* and the details of equipment purchased *(Annexure I)* will be submitted to IIT Bombay within one month of receiving the funds.
5. The stock records of the equipment purchased will be maintained by the Remote Centre.
6. The equipment purchased from the allotted funds will remain a property of IIT Bombay, on behalf of Government of India.
7. The Remote Center Coordinator will be in charge and responsible for the procurement of the equipment/infrastructure development of the classroom and the fund settlement.

The Institute Head/Remote Centre Coordinator may please send an email confirmation that the above terms and conditions are agreeable to them. IIT Bombay will release the funds immediately after receiving the said confirmation from the Remote Centre.
The funds will be transferred to the same bank accounts of the Remote Centres which are already provided by them for receiving the workshop fund support.

Annexure

1. Title of the Practice

CHARUSAT Remote Center of IIT Bombay for empowering teachers under NMEICT, MHRD, Govt. of India.

2. Objectives of the Practice

The CHARUSAT Remote Center (RC ID: 1322) is established with the following objectives:

- To empowers teachers across the nation, IIT Bombay had planned to scale up the “Train the Trainer” program under National Mission on Education through ICT which
- To improve the teaching skills of engineering college teachers of the country in core Engineering and Science subjects through live lectures are given by IIT faculty.

3. The Context

- This program had planned to train 10,000 teachers at hundreds of Remote centers spread across the country. The workshop was conducted in the distance mode, using A-VIEW software and Internet, as part of the National Mission on Education through ICT (MHRD, Govt. of India).
- CHARUSAT had become Remote Center on 19th March 2013. Hence, CHARUSAT is confirmed as Remote Center to conduct the different ISTE Workshops of IIT Bombay under NMEICT scheme.
- CHARUSAT Remote Center acts as the intermediary between IIT Bombay and the participating teachers during the workshop.

4. The Practice

Functioning of CHARUSAT Remote Center

CHARUSAT Remote Center organizes different workshops throughout the year. The workshops are organized for the different departments of the university. A Remote Center (RC) is a place from where the participants/people can interact with the instructor (faculty at IIT) who is conducting the course or delivering a lecture from IIT Bombay. The live lectures are transmitted at Remote Centers using A-VIEW software.

CHARUSAT Remote Center Committee Structure

Department of IT had initiated efforts for becoming remote center of IIT Bombay in order to empower faculty members of own university as well as external too. A committee has been formed by Head, Department of Information Technology, CSPIT. The committee is consisting of:

1. Remote Center Coordinator (Nominated by Head of Department, IT, CSPIT)
2. Workshop Coordinator (Nominated by Head of Department, IT, CSPIT)
3. A-View Coordinator
4. System Administrator
5. Teaching Assistant
6. Support Staff

Among the members listed above, those at 1 and 3 would be common to the committees for each workshops of any institute/department.

5. Evidence of Success

- After becoming remote center since 2013, we had conducted more than fifteen workshops of different departments. For conducting such workshop we receive grant from MHRD, Govt. of India. CHARUSAT remote center had entitled grant of more than Rs. 10 Lacs for different workshops under NMEICT scheme.
- Received Grant from MHRD for A-View classroom Infrastructure setup.
- A financial support of Rs 1,00,000/- has been received by CHARUSAT remote center for Aakash-II Project on 4th November 2014. We have also received 184 Tablets under Aakash-II Project.
- A financial support of Rs 2,80,000/- has been received by CHARUSAT remote center for augmentation of the infrastructure on 4th September 2015.

6. Resources Required to become a Remote Center

- A Remote Center (RC) is a place from where the participants/people can interact with the instructor (faculty at IIT) who is conducting the course or delivering a lecture from IIT Bombay. The live lectures are transmitted at Remote Centers using A-VIEW software.
- The Remote Center (RC) is usually a reputed engineering college with good facility and infrastructure.
- It should be centrally located with a number of engineering colleges in the area, so as to attract a large number of participants.
- It should have a well-equipped classroom and labs with broadband internet connection, for a minimum of 50 participants.
- Backup of internet at venue if main internet connectivity fails due to any issue.
- The classroom and labs should be equipped with overhead projector with minimum 12x9 feet screen.
- The venue on where workshop will be conducted should be equipped with professional audio system.
- UPS to sustain Power if main line fails due to any issue.
- Lodging and boarding facilities for participants, either in hostel or in a place near the campus.

7. Contact Details

Ms. Ayesha Shaikh (RC Coordinator)
Asst. Prof., Dept. of IT,
CSPIT, CHARUSAT
Email: ayeshashaikh.it@charusat.ac.in

Prof. Parth D. Shah(A-View Coordinator)
Head, Dept of IT,
CSPIT, CHARUSAT
Email: hod.it@charusat.ac.in

CHEQUE RECEIPT

Received with thanks from :

A VIEW CLASSROOM INFRASTRUCTURE SET UP PROJECT


Received as per following:

Voucher No : 53 /15/000058

Voucher Date : 04/09/2015

Created On : 11/09/2015 12:32PM

S. B. I.- CHANGA [30762646817]

PARTICULAR	AMOUNT (₹)
A-View classroom infrastructure set up project	
AMOUNT RECEIVED FROM MHRD-FOR "A-VIEW CLASSROOM INFRASTRUCTURE SETUP PROJECT" ON 04/09/2015 BY NEFT. AS PER BANK STATEMENT. RECD. FROM A VIEW CLASSROOM INFRASTRUCTURE SET UP PROJECT	280,000.00
	

TOTAL : 280,000.00

Cheque No. : Transfer

Bank Name : S.B.I.

Branch : CHANGA

Amount in words : RUPEES TWO LAKH EIGHTY THOUSAND

Prepared By : BCP

Checked By :

for **CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY (CSPIT)**

Amie : Shri Charotar Mahi Sahasra Padidar Kalavani Mandal



National Mission on Education Through ICT

Empowerment of Students and Teachers through
Synchronous & Asynchronous Instruction

NME-ICT Workshops
Management System, IIT
Bombay

[HOME](#)
[WORKSHOP](#)
[REMOTE CENTER](#)
[WORKSHOPS FUND](#)
[MISCELLANEOUS](#)

All Remote Centers | Search RC Search
5SRC Inactive RCs Terminated RCs

0SRC 1SRC 2SRC 3SRC 4SRC

Remote Center Shows the result of "1322"
Print RCC Details

[Print Preview](#)
[Print Full RC Details](#)
[Print Institute Head Details](#)

Remote Centers (Found 4 Entries)

Entries 1 - 4 of 4 Remote
Centers

1275. B H Gardi College Of Engineering & Technology - Rajkot (Gujarat) ★★☆☆☆ Rating

Head of the Institute : Dr. S. B Jadeja - Principal

1322. CHARUSAT Charotar University Of Science & Technology, Changa, Nadiad - Anand
(Gujarat) ★★☆☆☆ Rating

Head of the Institute : Dr. Ashwinkumar D. Patel - Principal

Remote Center Details

Remote Center ID - 1322
Classroom Capacity - 100 AC
Lab Capacity - 50 Seats
Infrastructure - TESTED

RC NOC : SUBMITTED

Other Details

AICTE : Yes Accom : Yes Website
Courses Offered : UGE PGE
Established Date : 2013-03-19

Members Visited

Remarks

Remote Center Coordinator

Priteshkumar Prajapati
Assistant Professor - Information Technology

Nomination Letter : SUBMITTED

Notice for RCC

Conducted Workshops - 12 C : 6, T : 6 - Print
Preview

- Database Management Systems - 2013 -
Coordinators
(06 May - 10 May 2013)
- Database Management Systems - 2013 -
Teachers
(21 May - 31 May 2013)
- Engineering Mechanics - Coordinators
(16 Sep - 20 Sep 2013)
- Engineering Mechanics - Teachers
(26 Nov - 06 Dec 2013)
- Computer Programming - Coordinators
(21 Apr - 26 Apr 2014)
- Computer Networking - Coordinators
(05 May - 09 May 2014)
- Computer Programming - Teachers
(16 Jun - 21 Jun 2014)
- Computer Networking - Teachers
(30 Jun - 05 Jul 2014)
- Technical Communication - Coordinators
(24 Aug - 28 Aug 2015)
- Engineering Physics - Coordinators
(07 Sep - 11 Sep 2015)

- Technical Communication - *Teachers*
(30 Nov - 05 Dec 2015)
- Engineering Physics - *Teachers*
(08 Dec - 18 Dec 2015)

1383. Christ College Of Engineering And Technology - Puducherry (Pondicherry)

★☆☆☆☆ Rating

Head of the Institute : Ravichandran - Director

1400. Women's Polytechnic College, Lawspet - Puducherry (Pondicherry) ★☆☆☆☆ Rating

Head of the Institute : G. Rani - Principal

Empowerment of Students and Teachers
through
Synchronous & Asynchronous Instruction
National Mission on Education through ICT
(Funded by MHRD New Delhi)

Indian Institute of Technology Bombay, Powai,
Mumbai - 400 076

Supported by :



Ministry of Human
Resources
Development (MHRD)



Indian Institute
of Technology
Bombay



Contents on this site are
licensed under a Creative Commons Attribution 2.5 INDIA

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11
Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo
Advisor & Member Secretary

No. GUJCOST/ MRP/ 2014-15/ ૨૭૦

18th May, 2015

Jivanadhar Joshi

Asst. Professor

Department of Electrical Engineering

C. S. Patel Institute of Technology

CHARUSAT - Education Campus Changa
Changa Anand-388 421

Sub: Award of **GUJCOST Minor Research Project Grant** for the proposal on "Development of Dynamic Reactive Power Compensation Device for Voltage Control in Electrical Power System" By Jivanadhar Joshi

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on **Development of Dynamic Reactive Power Compensation Device for Voltage Control in Electrical Power System** and subsequent presentation before the Expert Committee, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of **Rs. 3,85,000/-** for **one years' time period**

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above



GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2015-16/1142

3rd Sept, 2015

Jivanadhar Joshi

Asst. Professor

Department of Electrical Engineering

C. S. Patel Institute of Technology

CHARUSAT - Education Campus Changa

Changa Anand-388 421

Sub: **Release of first installment of the sanctioned grant** for Minor Research Project 2014-15.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled **"Development of Dynamic Reactive Power Compensation Device for Voltage Control in Electrical Power System"** amounting Rs. 3,85,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on **3rd Sept, 2015.**

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

Faculty of Pharmacy

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



सत्यमेव जयते

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in

**Dr. Narottam Sahoo**

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/379

30th June, 2014

To

Dr. Vijaykumar K. Parmar,

Associate Professor,

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology,

Charusat Campus,

Changa-388421,

Ta-Petlad.Dist-Anand,

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on Pre-Clinical Pharmacokinetic studies on Aphrodisiac Phytoconstituent.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on Pre-Clinical Pharmacokinetic studies on Aphrodisiac Phytoconstituent. GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 4,00,000/- (Rupees Four lakh only) for two years time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



सत्यमेव जयते

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

16 DEC 2014

26th Nov, 2014

No. GUJCOST/MRP/2014-15/1302

Dr. Vijaykumar K. Parmar

Associate Professor

Dept. Pharmaceutical Analysis and Quality Assurance

Ramanbhai Patel College of Pharmacy,

Charotar University,

Changa, Anand, Gujarat 388421.

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Pre-Clinical Pharmacokinetic studies on Aphrodisiac Phytoconstituent." amounting Rs.2,00,000/- (Rupees Two lakh only) has been released through RTGS/NEFT to your Bank account directly vide online transaction on 15th Dec 2014.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

Sir,

For personal pl-

To
The Registrar - CHARUSAT

for information & needful

25/12
D7.Reg.

Dr. S. K. Singh
25/12

Dr. S. K. Singh
25/12

20/12/2014

No. GUJCOST/MRP/14-15/ 1103

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 26/11/14

Reference: (1) Letter/ Application dated 30/12/2011 Ramanbhai Patel College of Pharmacy,
Charotar University of Science and Technology, Charust Campus, Changa
(2) GUJCOST Note, Dated 2nd September 2014.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Pre-Clinical Pharmacokinetic studies on Aphrodisiac Phytoconstituent " from Dr. Vijaykumar K. Parmar, from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Charust Campus, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance Rs. 4,00,000/- (Rupees four lakh only) for two years is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	70,000	70,000	1,40,000
(2)	Travel	10,000	10,000	20,000
(3)	Other Costs	20,000	20,000	40,000
(4)	Equipments	1,00,000	1,00,000	2,00,000
Grand Total		2,00,000	2,00,000	4,00,000/-

Permission is hereby granted for release of grant of Rs. 2,00,000/- for first year, and Rs.2,00,000/- for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

The Cheque/ DD of Rs. 2,0,000/- (Rupees two lakh only) shall be issued in favor of "CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY" payable at CHANGA.

The expenditure involved is debitable to:

Demand No. 90 :

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.


Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- (1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- (2) The Principal, Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Charust Campus, Changa.
- (3) Dr. Vijaykumar K. Parmar, from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Charust Campus, Changa
- (4) office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,

Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते

**Dr. Narottam Sahoo**

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2016-17/ 1266

10th October, 2016

Dr. Vijaykumar K. Parmar

Associate Professor

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology,

Charust Campus, Changa-388421

Sub: Release of **Second Installment** of the sanctioned Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Pre-Clinical Pharmacokinetic studies on Aphrodisiac Phytoconstituent." amounting **Rs.2,00,000/-** has been released through RTGS/NEFT to your Bank account directly vide online transaction on 6th October, 2016.

We request you to please complete project work on or before 31st December, 2016 and submit the Project completion Report along with UTC and other documents within this period (31st December, 2016) and acknowledge us the stamped receipt of the above payment for our records.

Thanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

No: GUJCOST/MRP/16-17/1212-B

W6
Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 07/10/16

Reference: (1) Letter/ Application dated 30/12/2013 Ramanbhai Patel College of Pharmacy,
Charotar Unviersity of Science and Technology, Charust Campus, Changa
(2) GUJCOST Note, Dated 23rd September 2016,

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Pre-Clinical Pharmacokinetic studies on Aphrodisiac Phytoconstituent" from Dr. Vijaykumar K. Parmar, from Ramanbhai Patel College of Pharmacy, Charotar Unviersity of Science and Technology, Charust Campus, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance Rs. 4,00,000/- (Rupees four lakh only) for two years is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	70,000	70,000	1,40,000
(2)	Travel	10,000	10,000	20,000
(3)	Other Costs	20,000	20,000	40,000
(4)	Equipments	1,00,000	1,00,000	2,00,000
Grand Total		2,00,000	2,00,000	4,00,000

Permission is hereby granted for release of grant of Rs. 2,00,000/- for first year, and Rs.2,00,000/- for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

48

The Cheque/ DD of Rs. 2,00,000/- (Rupees two lakh only) shall be issued in favour of "Charotar University of Science and Technology" payable at Changa

The expenditure involved is debitable to:

Demand No. 90 :

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) GTP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

1. Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
2. Dr. Vijaykumar K. Parmar, PI from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Charust Campus, Changa
3. Dr. Manan A. Raval, CO-PI from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Charust Campus, Changa
4. Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/380

30th June, 2014

To

Dr. Samir Patel,

Associate Professor

Ramanbhai Patel College of Pharmacy,

Charusat Campus At Post-Changa,

Tal:Petlad, Dist-Anand

Sub: Award of **GUJCOST Minor Research Project** Grant for the proposal on
"Development and Validation of stability indicating chromatographic methods
(Accelerated and time stability study) for identification of some herbal
formulations used in CNS disorder"

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST),
Gandhinagar.

With reference to your project proposal on development and validation of stability
indicating chromatographic methods (Accelerated and time stability study) for
identification of some herbal formulations used in CNS disorder, GUJCOST is
pleased to inform you that your proposal has been sanctioned for an amount of Rs.
4,90,000 (Rupees four lakh ninety thousand only) for two years time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a
Memorandum of Understanding (M.O.U) has to be signed between the Principal/
Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/-
stamp paper with Notary registration. A draft MOU has been enclosed herewith for
your reference.

We request you to please send us the signed copy of the MOU at the earliest so that
necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11
Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/1303

16 DEC 2014

26th Nov, 2014

Dr. Samir Patel

Associate Professor,

Department of Pharmaceutical Chemistry and Analysis

Ramanbhai Patel College of Pharmacy,

Charotar University,

Changa, Anand, Gujarat 388421 .

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST),
Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Development and Validation of stability indicating chromatographic methods (Accelerated and time stability study) for identification of some herbal formulations used in CNS disorder." amounting Rs. 2,95,000/- (Rupees Two lakh ninty five only) has been released through RTGS/NEFT to your Bank account directly vide online transaction on 15th Dec 2014.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

No: GUJCOST/MRP/14-15/1122

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 26/11/14

Reference: (1) Letter/ Application dated 30/12/ Ramanbhai Patel College of Pharmacy,
Charust Campus, Changa
(2) GUJCOST Note, Dated 2nd September 2014.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "**Development and Validation of stability indicating chromatographic methods (Accelerated and time stability study) for identification of some herbal formulations used in CNS disorder**" from **Dr. Samir Patel from Ramanbhai Patel College of Pharmacy, Charust Campus, Changa** under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance **Rs. 4,90,000/- (Rupees four lakh ninety thousand only)** is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,00,000	90,000	1,90,000
(2)	Travel	-	20,000	20,000
(3)	Other Costs	5,000	-	5,000
(4)	Equipments	1,90,000	85,000	2,75,000
Grand Total		2,95,000	1,95,000	4,90,000/-

Permission is hereby granted for release of grant of **Rs. 2,95,000/-** for first year, and **Rs.1,95,000/-** for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

The Cheque/ DD of Rs. 2,95,000/- (Rupees two lakh ninety five thousand only) shall be issued in favor of "CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY" payable at CHANGA.

The expenditure involved is debitable to:

Demand No. 90 :

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.


Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- (1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- (2) The Principal, Ramanbhai Patel College of Pharmacy, Charust Campus, Changa
- (3) Dr. Samir Patel, from Ramanbhai Patel College of Pharmacy, Charust Campus, Changa
- (4) Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in

**Dr. Narottam Sahoo**

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2016-17/ 1265

10th October, 2016

Dr. Samir Patel

Associate Professor

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology,

Charust Campus, Changa-388421

Sub:Release of Second Installment of the sanctioned Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Development and Validation of stability indicating chromatographic methods (Accelerated and time stability study) for identification of some herbal formulations used in CNS disorder." amounting Rs.1,95,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 6th October, 2016.

We request you to please complete project work on or before 31st December, 2016 and submit the Project completion Report along with UTC and other documents within this period (31st December, 2016) and acknowledge us the stamped receipt of the above payment for our records.

Thanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

No: GUJCOST/MRP/16-17/1212-5

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 07/11/2016

Reference. (1) Letter/ Application dated 30/12/2013 Ramanbhai Patel College of Pharmacy,
Charust Campus, Changa
(2) GUJCOST Note, Dated 23rd September 2016,

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Development and Validation of stability indicating chromatographic methods (Accelerated and time stability study) for identification of some herbal formulations used in CNS disorder " from Dr. Samir Patel from Ramanbhai Patel College of Pharmacy, Charust Campus, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance Rs. 4,90,000/- (Rupees four lakh ninety thousand only) is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,00,000	90,000	1,90,000
(2)	Travel	-	20,000	20,000
(3)	Other Costs	5,000	-	5,000
(4)	Equipments	1,90,000	85,000	2,75,000
Grand Total		2,95,000	1,95,000	4,90,000

Permission is hereby granted for release of grant of Rs. 2,95,000/- for first year, and Rs.1,95,000/- for second year under the following conditions:-

- (1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.
- (2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.
- (3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

54

The Cheque/ DD of Rs. 1,95,000/- (Rupees two lakh ninety five thousand only) shall be issued in favor of "Charotar University of science and technology" payable at Changa.

The expenditure involved is debitable to:

Demand No. 90 :

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- (1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- (2) Dr. Samir Patel, PI from Ramanbhai Patel College of Pharmacy, Charust Campus, Changa
- (3) Dr. Manan Raval, CO-PI from Ramanbhai Patel College of Pharmacy, Charust Campus, Changa
- (4) Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



सत्यमेव जयते

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in

**Dr. Narottam Sahoo**

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/366

30th June, 2014

To

Dr. Gayatri C. Patel,

Associate Professor,

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology,

Changa.-388421

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Preparation & Evaluation of Biodegradable in-situ gel forming injectable controlled drug delivery system based on thermoresponsive Methyl Cellulose Hydrogel".

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on Preparation & Evaluation of Biodegradable in-situ gel forming injectable controlled drug delivery system based on thermoresponsive Methyl Cellulose Hydrogel, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 5,00,000/- (Rupees five lakh only) for two years time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Tanking you and with best regards.

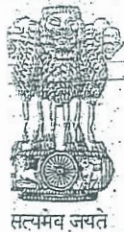
Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11
Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

16 DEC 2014

26th Nov, 2014

No. GUJCOST/MRP/2014-15/ 1216

Dr. Gayatri C. Patel,

Associate professor

Dept. of pharmaceuticals,

Ramanbhai Patel College of Pharmacy,

Charotar University,

Changa, Anand, Gujarat 388421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Preparation & Evaluation of Biodegradable in-situ gel forming injectable controlled drug delivery system based on thermo responsive Methyl Cellulose Hydrogel." Amounting Rs. 3,50,000/- (Rupees Three lakh fifty thousand only) has been released through RTGS / NEFT to your Bank account directly vide online transaction on 15th Dec 2014.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

GUJCOST/MRP/14-15/1117

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 26/11/14

Reference: (1) Letter/ Application dated 30/12/2011 Ramanbhai Patel College of Pharmacy,
Charotar University of Science and Technology, Charust Campus, Changa
(2) GUJCOST Note, Dated 2nd September 2014.

ction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for
irir & promoting Research and Development activities in the state. With reference to the
e letter, we have received an application titled "Preparation & Evaluation of
degradable in-situ gel forming injectable controlled drug delivery system
ed on thermoresponsive Methyl Cellulose Hydrogel " from Dr. Gayatri C. Patel,
Ramanbhai Patel College of Pharmacy, Charotar University of Science and
Technology, Charust Campus, Changa under the Minor Research Project Scheme. On
asis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th
ary 2013, financial assistance Rs. 5,00,000/- (Rupees four lakh only) is sanctioned for
d of Two Years as per the following details and conditions.

Sr. No.	Item	First Year	Second Year	Total
(1)	Consumables	30,000	30,000	60,000
(2)	Travel	2,000	10,000	12,000
(3)	Other Costs	15,000	15,000	30,000
(4)	Equipments	3,03,000	95,000	3,98,000
Grand Total		3,50,000	1,50,000	5,00,000/

ision is hereby granted for release of grant of Rs. 3,50,000/- for first year, and
50,000/- for second year under the following conditions:-

get the above mentioned financial assistance an M.O.U. has to be signed between the
al/Head of the institute, Principal investigator of the Project and GUJCOST. On
sion of the M.O.U. to GUJCOST, financial assistance will be released.

monthly and spiral bound Final progress reports of the project in triplicate with
aphs, Copies of Vouchers and Bills of the spent amount will have to be submitted to
ST.

spent amount will have to be submitted to GUJCOST at the end of Project.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr. Narottam Sahoo

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2016-17/ 1280

10th October, 2016

Dr. Gayatri C. Patel

Associate Professor

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology,
Charust Campus, Changa-388421

Sub: Release of Second Installment of the sanctioned Minor Research Project 2013-14

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Preparation & Evaluation of Biodegradable in-situ gel forming injectable controlled drug delivery system based on thermo responsive Methyl Cellulose Hydrogel." Amounting Rs. 1,50,000/- has been released through RTGS / NEFT to your Bank account directly vide online transaction on 6th October, 2016.

We request you to please complete project work on or before 31st December, 2016 and submit the Project completion Report along with UTC and other documents within this period (31st December, 2016) and acknowledge us the stamped receipt of the above payment for our records.

Thanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

No: GUJCOST/MRP/16-17/ 1266-B

42

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 06/10/16

Reference: (1) Letter/ Application dated 30/12/2011 Ramanbhai Patel College of Pharmacy,
Charotar University of Science and Technology, Charust Campus, Changa
(2) GUJCOST Note, Dated 23rd September 2016.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Preparation & Evaluation of Biodegradable In-situ gel forming injectable controlled drug delivery system based on thermoresponsive Methyl Cellulose Hydrogel" from Dr. Gayatri C. Patel, from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Charust Campus, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance Rs. 5,00,000/- (Rupees four lakh only) is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	30,000	30,000	60,000
(2)	Travel	2,000	10,000	12,000
(3)	Other Costs	15,000	15,000	30,000
(4)	Equipments	3,03,000	95,000	3,98,000
Grand Total		3,50,000	1,50,000	5,00,000

Permission is hereby granted for release of grant of Rs.3,50,000/- for first year, and Rs.1,50,000/- for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



सत्यमेव जयते



ANNE

Dr. Narottam Sahoo

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2014-15/ 2527

30th March, 2015

Mr. Umang Shah

Assistant Prof.

Dept. Pharmaceutical chemistry

Ramanbhai Patel College of pharmacy,

Charotar University of Science and Technology,

Changa-388 421, Anand.

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Design, Synthesis and biological evaluation of flavonoids derivatives as potential non-steroidal inhibitors in Breast Cancer" By Mr. Umang Shah

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on Design, Synthesis and biological evaluation of flavonoids derivatives as potential non-steroidal inhibitors in Breast Cancer and subsequent presentation before the Expert Committee, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 6,20,000/- for two years' time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते

**Dr. Narottam Sahoo**

Advisor and Member Secretary

No. GUJCOST/MRP/2015-16/1170

3rd Sept, 2015

Mr. Umang Shah

Assistant Prof.

Dept. Pharmaceutical chemistry

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology,

Changa-388 421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2014-15.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Design, Synthesis and biological evaluation of flavonoids derivatives as potential non-steroidal inhibitors in Breast Cancer" amounting Rs. 5,10,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 3rd Sept, 2015.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

CHARUSAT

rpcp rpcp <rpcpgen@charusat.ac.in>

Release Letter and Sanction Order.

Messages

gujcost Gandhinagar <gujcost.gujarat@gmail.com>
 To: rpcpgen@charusat.ac.in

Thu, Sep 24, 2015 at 5:56 PM

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "**Design, Synthesis and biological evaluation of flavonoids derivatives as potential non-steroidal inhibitors in Breast Cancer**" from Mr. Umang Shah from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 24th March, 2015 financial assistance **Rs. 6,20,000/- (Rupees six lakh twenty thousand only)** is sanctioned for period of **Two Years** as per the following details and conditions

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,00,000	1,00,000	2,00,000/-
(2)	Travel	10,000	10,000	20,000/-
(3)	Other Costs	-	-	-
(4)	Equipments	4,00,000	-	4,00,000/-
Grand Total		5,10,000/-	1,10,000/-	6,20,000/-

Permission is hereby granted for release of grant of **Rs. 5,10,000/-** for first year and **Rs. 1,10,000/-** for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

The Cheque / DD of **Rs. 5,10,000/- (Rupees five lakh ten thousand only)** shall be issued in favor of " **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**" payable at Changa, Anand.

 Gujarat Council on Science & Technology (GUJCOST)

Investing in Science, Investing in the Future!

of Science & Technology, Govt of Gujarat

k B, 7th Floor, M S Building, Sector 11, Gandhinagar 382 011

jarat, India

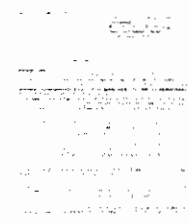
al: 079-23259362-68, Fax: 079-23259363

Email: gujcost.gujarat@gmail.com, URL: www.gujcost.gujarat.gov.in

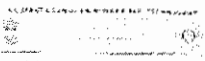
3 attachments



Manan Raval.jpg
508K



Manana Raval.jpg
610K



Umang Shah.jpg
517K

rpcp rpcp <rpcpgen@charusat.ac.in>

Fri, Sep 25, 2015 at 9:21 AM

To: Manan Raval <mananraval.ph@charusat.ac.in>, Umang Shah <umangshah.ph@charusat.ac.in>

Dear All,

Please find attached circular....

Regards,
HARSHIT PATEL

[Quoted text hidden]

3 attachments

Manan Raval.jpg
508K

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

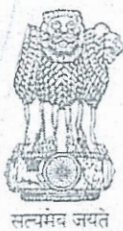
Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr.Narottam Sahoo

Advisor & Member secretary

No:GUJCOST/MRP/2017-18/ 172/245

24th April, 2017

To,

The Principal

Ramanbhai Patel College of Pharmacy,

Charotar University Changa,

Anand-388421

Sub: Release of Second Installment of the Sanctioned grant for Minor Research Project Year 2014-15.

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Design, Synthesis and biological evaluation of flavonoids derivatives as potential non-steroidal inhibitors in Breast Cancer" amount Rs. 1,10,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 31st March, 2017.

We request you to please complete project work before 23rd September, 2017 and submit the Project Completion Report along with UTC and other document within this period and acknowledge us the stamped receipt of the above payment for our records.

Thanking you with Kind regards,

Yours sincerely,

(Narottam Sahoo)

Copy: (1) Mr. Umang Shah, Assistant Professor, Dept. of Pharmaceutical Chemistry,
Ramanbhai Patel College of Pharmacy, Charotar University Changa, Anand-388421

(2) Dr. Samir Patel, Associative Professor, Dept. Of Pharmacognocny, Ramanbhai Patel
College of Pharmacy, Charotar University Changa, Anand-388421

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2014-15/ 280

18th May, 2015

Mr. Niraj Vyas

Assistant Professor

Dept. of Pharmacognosy

Ramanbhai Patel College of pharmacy,

Charotar University of Science and Technology

Changa-388 421

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Phytochemical and pharmacological studies on isolated principles of *Argyreiapseciosa* for aphrodisiac and spermatogenic potential".

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on Phytochemical and pharmacological studies on isolated principles of *Argyreiapseciosa* for aphrodisiac and spermatogenic potential and subsequent presentation before the Expert Committee, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 4,50,000/- for two years' time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,

Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2015-16/ 1172-

3rd Sept, 2015

Mr. Niraj Vyas

Assistant Professor

Dept. of Pharmacognosy

Ramanbhai Patel College of Pharmacy,

Charotar University of Science and Technology

Changa-388 421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2014-15.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Phytochemical and pharmacological studies on isolated principles of *Argyreiaspeciosa* for aphrodisiac and spermatogenic potential" amounting Rs. 3,15,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 3rd Sept, 2015.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

No: GUJCOST/MRP/15-16/ 1077

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382 011.

Date: 23/9/15

Reference: (1) Minor Research Project proposal dated 27/02/2014.
(2) GUJCOST Note Dated 25th Aug, 2015.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Phytochemical and pharmacological studies on isolated principles of *Argyreiaspeciosa* for aphrodisiac and spermatogenic potential" from Mr. Niraj Vyas from Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 24th March, 2015 financial assistance Rs. 4,50,000/- (Rupees four lakh fifty thousand only) is sanctioned for period of Two Years as per the following details and conditions

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	90,000	90,000	1,80,000/-
(2)	Travel	15,000	15,000	30,000/-
(3)	Other Costs	30,000	30,000	60,000/-
(4)	Equipments	1,80,000	-	1,80,000/-
Grand Total		3,15,000/-	1,35,000/-	4,50,000/-

Permission is hereby granted for release of grant of Rs. 3,15,000/- for first year and Rs. 1,35,000/- for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr.Narottam Sahoo

Advisor & Member secretary

No:GUJCOST/MRP/2017-18/ 57/ 125

24th April, 2017

To,

The Principal

Ramanbhai Patel College of Pharmacy,

Charotar University Changa,

Anand-388421

Sub: Release of **Second Installment** of the Sanctioned grant for Minor Research Project Year 2014-15.

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Phytochemical and pharmacological studies on isolated principles of *Argyreiaspeciosa* for aphrodisiac and spermatogenic potential" amount **Rs.1,35,000/-** has been released through RTGS/NEFT to your Bank account directly vide online transaction on 31st March, 2017.

We request you to please complete project work before 23rd September, 2017 and submit the Project Completion Report along with UTC and other document within this period and acknowledge us the stamped receipt of the above payment for our records.

Thanking you with Kind regards,

Yours sincerely,

(Narottam Sahoo)

Copy: (1) **Dr. Niraj Vyas**, Assistant Professor, Dept. Of Pharmacognocny, Ramanbhai Patel College of Pharmacy, Charotar University Changa, Anand-388421

(2) Dr. Manan Raval, Associative Professor, Dept. Of Pharmacognocny, Ramanbhai Patel College of Pharmacy, Charotar University Changa, Anand-388421

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



सत्यमेव जयते



Dr. Narottam Sahoo

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2014-15/ 2591

30th March, 2015

Dr. Manan Raval

Associate Prof.

Dept. of Pharmacognosy

Ramanbhai Patel College of pharmacy,

Charotar University of Science and Technology,

Changa-388 421, Anand.

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Evaluation of multicomponent Ayurveda formulation- Ashwagandhadi lehya" By Dr. Manan Raval

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on Evaluation of multicomponent Ayurveda formulation- Ashwagandhadi lehya and subsequent presentation before the Expert Committee, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 3,60,000/- for two years' time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

No: GUJCOST/MRP/15-16/1096

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar – 382 011.

Date: 23/9/15

Reference: (1) Minor Research Project proposal dated 27/02/2014.
(2) GUJCOST Note Dated 25th Aug, 2015.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "**Evaluation of multicomponent Ayurveda formulation- Ashwagandhadi lehya**" from **Dr. Manan Raval** from **Dept. of Pharmacognosy, Ramanbhai Patel College of Pharmacy, Changa** under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 24th March, 2015 financial assistance **Rs. 3,60,000/- (Rupees three lakh sixty thousand only)** is sanctioned for period of **Two Years** as per the following details and conditions

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,00,000	1,00,000	2,00,000/-
(2)	Travel	10,000	10,000	20,000/-
(3)	Other Costs	20,000	20,000	40,000/-
(4)	Equipments	1,00,000/-	-	-
Grand Total		2,30,000/-	1,30,000/-	3,60,000/-

Permission is hereby granted for release of grant of **Rs. 2,30,000/-** for first year and **Rs. 1,30,000/-** for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.



GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079)-23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in

Dr.Narottam Sahoo

Advisor & Member secretary

No:GUJCOST/MRP/2017-18/ 147/ 141

24th April, 2017

To,

The Principal

**Ramanbhai Patel College of Pharmacy,
Charotar University Changa,
Anand-388421**

Sub: Release of **Second Installment** of the Sanctioned grant for Minor Research Project Year 2014-15.

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Evaluation of multicomponent Ayurveda formulation- Ashwagandhadi lehya" amount Rs. **1,30,000/-** has been released through RTGS/NEFT to your Bank account directly vide online transaction on 31st March, 2017.

We request you to please complete project work before 23rd September, 2017 and submit the Project Completion Report along with UTC and other document within this period and acknowledge us the stamped receipt of the above payment for our records.

Thanking you with Kind regards,

Yours sincerely,

(Narottam Sahoo)

- Copy: (1) **Dr. Manan Raval**, Associative Professor, Dept. of Pharmacognosy, Ramanbhai Patel College of Pharmacy, Charotar University Changa, Anand-388421
(2) Ms. Kanan Gamit, Assistant Professor, Dept. of Pharmacognosy, Ramanbhai Patel College of Pharmacy, Charotar University Changa, Anand-388421

The Cheque / DD of Rs.1,30,000/-(Rupees one lakh thirty thousand only) shall be issued in favor of "CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY" payable at CHANGA, Anand.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.

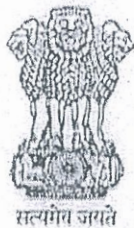

Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

1. Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
2. Dr. Manan Raval from Dept. of Pharmacognosy, Ramanbhai Patel College of Pharmacy, Changa
3. Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11
Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo
Advisor & Member Secretary

No: GUJCOST/ MRP/ 2014-15/

30th March, 2015

Mr. Ravish J Patel

Assistant Professor

Dept. of Pharmaceutics

Ramanbhai Patel College of pharmacy,

Charotar University of Science & Technology

Changa-388 421

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Development & characterization of nano-sized drug carrier microemulsion formulation" By Mr. Ravish J Patel

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on Development & characterization of nano-sized drug carrier microemulsion formulation and subsequent presentation before the Expert Committee, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 1,80,000/- for two years' time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



व जयते



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2015-16/1171

3rd Sept, 2015

Mr. Ravish J Patel

Assistant Professor

Dept. of Pharmaceutics

Ramanbhai Patel College of Pharmacy,

Charotar University of Science & Technology

Changa-388 421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2014-15.

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Development & characterization of Nano-sized drug carrier micro emulsion formulation for treatment of diabetes" amounting Rs. 90,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 3rd Sept, 2015.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



Dr.Narottam Sahoo

Advisor & Member secretary

No:GUJCOST/MRP/2017-18/ 58/ 108

24th April, 2017

To,

The Principal

Ramanbhai Patel College of Pharmacy,

Charotar University Changa,

Anand-388421

Sub: Release of Second Installment of the Sanctioned grant for Minor Research Project Year 2014-15.

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "Development & characterization of nano-sized drug carrier microemulsion formulation for treatment of diabetes" amount Rs.90,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 31st March, 2017.

We request you to please complete project work before 23rd September, 2017 and submit the Project Completion Report along with UTC and other document within this period and acknowledge us the stamped receipt of the above payment for our records.

Thanking you with Kind regards,

Yours sincerely,

(Narottam Sahoo)

Copy: (1) ✓ Mr. Ravish J. Patel Assistant Professor, Ramanbhai Patel College of Pharmacy,
Charotar University Changa, Anand-388421

Faculty of Management Studies

Memorandum of Understanding (MoU) Regarding Preparation of District Human Development Report (DHDR)

This Tripartite MoU is entered into between **Gujarat Social Infrastructure Development Society** (hereinafter referred to as GSIDS unless its meaning otherwise requires), a wholly owned Government of Gujarat Society, a society registered under provision of Societies Registration Act, 1860 and Bombay Public Trust Act, 1950, having its office at Directorate of Economics and Statistics, Near Police Bhavan, Sector 18, Gandhinagar of the ONE PART,

Charotar University of Science & Technology (CHARUSAT) Changa (hereinafter referred to as university / institution unless its meaning otherwise requires); an university / institution approved by Government of Gujarat and having its office at Charotar University of Science & Technology (CHARUSAT)Changa -388421,Gujarat of the SECOND PART.

Vadodara District Collector, Government of Gujarat (hereinafter referred to as District Collector unless its meaning otherwise requires), having its office at, District Collector, Jilla Seva Sadan, Vadodra of the THIRD PART.

BACKGROUND AND CONTEXT:

WHEREAS The Government of India-UNDP Project on Strengthening State Plans for Human Development (SSPHD) aimed to (a) build and strengthen capacity of State planners to provide a human development perspective in State Plan / District Plan documents and relevant policies and programmes of the State Government, (b) provide research and training services to identify specific policy options for financing of human development and (c) Strengthen State Statistical systems through development of methodologies, software and training courses for data providers and users, both in the State Planning Department, Directorate of Economics and Statistics and other relevant departments. Emphasis was placed on generation and computation of district level statistics pertaining to education, health, income and poverty.

AND WHEREAS The State Government had participated in the GOI-UNDP project on Strengthening State Plans for Human Development (SSPHD) in the year 2008-09. Five districts were selected at the initial stage for preparation of District Human Development Reports (DHDR) – (Sabarkantha, Surendranagar, Jamnagar, Surat and The Dangs).

AND WHEREAS During the year 2010-11 Government of Gujarat selected another five districts (Tapi, Panchmahals, Kheda, Banaskantha and Bharuch) for the preparation of DHDR through the GSIDS.

AND WHEREAS in the year 2012-13, State Government has decided to prepare Human Development Reports (DHDRs) through GSIDS for another Four Districts (Kachhh, Gandhinagar, Dohad, and Narmada)

AND WHEREAS again, in the current year 2014-15, State Government has decided to prepare District Human Development Reports (DHDRs) of the remaining districts through GSIDS, which includes **Vadodara** district as well.

AND THERE IS A NEED FOR PREPARATION OF DHDR DUE TO FOLLOWING REASONS

Human Development is increasingly becoming an area of concern and increasing priority is given to a development strategy which conceptually goes beyond per capita income as a measure of development. The preparation of DHDR's marks the beginning of the process whereby people are mobilized and actively participate in the development process. The DHDR is expected to be an important document for formulating the District Human Development Plan.

NOW THIS DEED OF MOU WITNESSETH AS UNDER:

(A) ROLES AND RESPONSIBILITIES:

(i) Gujarat Social Infrastructure Development Society (GSIDS)

- (a) GSIDS shall provide the data input available with itself for the preparation of District Human Development Report. However, the additional data other than that supplied by GSIDS shall be obtained by Institute/University from other sources. It will also collect whatever data/statistics are required and available with the Directorate of Economics and Statistics
- (b) GSIDS would consider carrying out studies/ analysis/ surveys on various aspects of Human Development as may be required which would enhance the quality of inputs required for preparation of DHDR
- (c) GSIDS will work as facilitator between the Institute/University and District Collector for which it will appoint nodal officer or contact person.
- (d) To release the entire fund as per this MoU

(ii) Institute/University

- (a) Institute/University shall carry out comprehensive study of sociological status namely Gender Equity, Migration, Education, Health, Nutrition, Livelihood and Drinking Water etc. in consultation with the District officer of the line Department and submit its draft report in English language
- (b) The draft report of DHDR will include methodology, objective, brief profile of the district, overall Demographic Profile. Educational level, Health & Nutrition, Status of Economic base and Livelihood, Gender & Vulnerability status, Basic Amenities etc. and only findings will be included in the report
- (c) The draft report of DHDR will also include the impact of various Flagship and Mission Mode programmes being implemented by the State Government
- (d) Institute/University shall finalise the draft report in consultation with District Collector and the concerned District officers

- (e) Actual position of Human Development Status of the district and feedback / inputs required for policy formulation specifically need to be reflected in the Draft Report.
- (f) Technical annexure regarding data availability, data gaps and limitations for construction of Human Development Index etc. will be required to be included in the Draft Report
- (g) The analysis should include Radars and graphical presentations
- (h) Institute/University shall prepare Draft report of DHDR (Including Outline) within six months period after signing this MoU
- (i) Institute/University shall provide five hard copies of the draft Report as well as final report along with 2 soft copies (i.e. CDs) to the Director & Member Secretary, GSIDS and one of each report (Draft and Final) to the District Collector

(iii) District Collector

- (a) To form a core-group of district officers related to various aspects of Human Development
- (b) To organise district level workshop(s) of District / Taluka level officers and discuss various aspects/issues pertaining to Human Development of the district
- (c) To provide necessary facilities, logistic arrangements and inputs to the University/Institute for field visits to carry out sample surveys/studies related to Human Development of the district. The District Collector shall also issue the directions to the concern district officers for inputs required for preparation of DHDR
- (d) To organise district level workshop for finalisation of the Draft report and submit the same to The Secretary (Planning) & Chairperson GSIDS, Government of Gujarat, Gandhinagar with the remarks of Core-group

(B) PAYMENTS AND RELEASE OF FUNDS:

Charotar University of Science & Technology (CHARUSAT) Changa will have to prepare District Human Development Report (DHDR) for Vadodara District and will be paid total consideration of ₹ 5.00 lakh (Including Service Tax) for this purpose, in following manner by the GSIDS.

- 50 % upon acceptance of this work and signing of this MoU
- 30 % upon approval of the draft report by District Collector
- 20 % upon approval of the final report by State Level High Level Committee which will be constituted by State Government in consultation with GSIDS



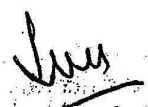
(C) JURISDICTION:

This entire contract is subject to competent court at Gandhinagar Jurisdiction only.

DIFFICULTIES AND DISPUTES

Any difficulties or disputes that may arise on account of interpretation or implementation of this MoU shall be referred to Principal Secretary (Planning), General Administration Department, Government of Gujarat. If amicable solution could not be arrived at then the dispute or difficulties shall be placed before Steering Committee whose decision shall be final and binding to all the parties to this MOU.

Signed by and on behalf of (as under):

For and on behalf of	Name & Designation	Signature & Stamp	Date
Gujarat Social Infrastructure Development Society (GSIDS)	K.D.Vashi Director & Member Secretary, GSIDS	 Director & Member Secretary, G.S.I.D.S., Gandhinagar.	11/8/14
Registrar, Charotar University of Science & Technology (CHARUSAT), Changa	Dexang Joshi Registrar CHARUSAT	 REGISTRAR CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHARUSAT CAMPUS, CHANGA	22/8/14
District Collector, Vadodara	Smt. Avasantika Singh. Collector Vadodara	 Collector, Vadodara	3/9/14

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
DISTRICT HUMAN DEVELOPMENT REPORT (DHDR)		Opening Balance		
24/02/2018	SBIC/BP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	800.00	
13 /17/003106		EXPENSES FOR THE INCOME DISTRIBUTION FOR DISTRICT HUMAN DEVELOPMENT (DHDR) VADODARA, FUNDED BY GSIDS, G'NAGAR. AS PER APPROVAL NOTE THIS PAYMENT SUPPOS BY NEFT/CHEQUE AS PER THE UNIVERSITY POLICY 1. GAURAV THAKARAR=800/- PAID TO GAURAV THAKARAR POSTED TO CSAT S.B.I. - CHANGA [30875081005]		
28/02/2018	EXPS/EP	SUNITA TRAVELS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	3,219.00	
23 /17/000237		BILL NO.: 386 DT. 2018-02-17 ARRANGE CAR FOR KIRTI MAKWANA WENT TO DHDR PRESENTATION AT G'NAGAR ON DT.17/02/2018		
20/03/2018	EXPS/EP	SPARTAN TRAVELS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	3,540.00	
23 /17/000278		BILL NO.: 6328 DT. 2018-03-12 TRAVEL EXPS. FOR MEETING AT GANDHINAGAR FOR DISTRICT HUMAN DEVELOPMENT REPORT (DHDR) PROJECT.		
30/03/2018	J.V./JV	PROJECT EXPS.		121,046.00
21 /17/000458		DISTRICT HUMAN DEVELOPMENT REPORT (DHDR) TOTAL FEES RECEIVED DURING THE YEAR - 300000/- AND EXPS. MADE DURING THE YEAR 421046/- SO OVER EXPENSES AMT. OF RS. 121046/- DR. TO PROJECT A/C		
Transaction Total			421,046.00	421,046.00
Opening + Transaction Total			421,046.00	421,046.00
Closing Balance				

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
DISTRICT HUMAN DEVELOPMENT REPORT (DHDR)		Opening Balance		
23 /17/000180		BILL NO.: 5728 DT. 2017-01-02 TRAVELLING EXPENSES FROM CHANGA TO G'NAGAR TO & FRO VISIT TO DHDR G'NAGAR MR.BINIT PATEL & MS.KIRITI MAKWANA ON DT.27/12/2017		
30/01/2018	SBIC/BR	GUJ. SOCIAL INFRASTRUCTURE DEVELOPMENT SOCIETY		120,000.00
13 /17/002744		AMOUNT REC. FROM GSIDC FOR GRANT PAYMENT FROM VADODARA TOTAL AMOUNT IS 1,20,000.00 LESS TDS 10%=12,000.00 1,08,000.00 RECD. FROM GUJ. SOCIAL INFRASTRUCTURE DEVELOPMENT SOCIETY POSTED TO CSAT S.B.I. - CHANGA [30875081005]		
06/02/2018	CASH/CP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	2,062.00	
1 /17/021614		TRAVELLING ALLOWANCE FOR VISIT /MEETING @ GSIDS G'NAGAR FOR DHDR-BARODA ON 13/JAN/2018 ANAND TO CHANG TO G'NAGAR PAID TO MR.PRAMOD PATEL POSTED TO CSAT CASH BOOK		
21/02/2018	CASH/CP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	1,050.00	
1 /17/023052		EXPEN FOR REPORT PRINTING BILL SHREE AMBICA XEROX BILL.NO->1711 DT.16/02/2018 PAID TO MR.BINIT PATEL POSTED TO CSAT CASH BOOK		
23/02/2018	EXPS/EP	SHEETAL THOMAS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	114,272.00	
23 /17/000226		EXPENSES FOR THE INCOME DISTRIBUTION FOR DISTRICT HUMAN DEVELOPMENT (DHDR) VADODARA, FUNDED BY GSIDS, G'NAGAR. AS PER APPROVAL NOTE THIS PAYMENT SUPPOS BY NEFT/CHEQUE AS PER THE UNIVERSITY POLICY		
24/02/2018	KDCC/BP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	276,635.00	
18 /17/009959		EXPENSES FOR THE INCOME DISTRIBUTION FOR DISTRICT HUMAN DEVELOPMENT (DHDR) VADODARA, FUNDED BY GSIDS, G'NAGAR. AS PER APPROVAL NOTE THIS PAYMENT SUPPOS BY NEFT/CHEQUE AS PER THE UNIVERSITY POLICY 1.DR.GOVIND DAVE=152363/- A/C NO=605 2.KIRTI MAKWANA=114272/-A/C=528 3.PRAMOD PATEL=3000/-A/C=188 4.KAUSHIK TRIVEDI=400/- A/C=510 5.ROBERT PARMAR=2200/- A/C=713 6.VIJAY MAKWANA=400/- A/C=738 7.BHAGUBHAI RABARI=1000/-A/C 043 8.BHAVDIP PATEL=3000/- A/C= 002141 PAID AS PER LIST ATTACHED PAID TO YOURSELF POSTED TO CSAT THE K.D.C.C. BANK [902061101000057]		

Account Ledger

For period from 01/04/2014 To 31/03/2015

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		DISTRICT HUMAN DEVELOPMENT REPORT (DHDR)	Opening Balance	
06/12/2014 13 /14/002399	SBIC/BR	DISTRICT HUMAN DEVELOPMENT REPORT AMOUNT RECEIVED FROM GUJARAT SOCIAL INFRASTRUCTURE DEVELOPMENT SOCIETY(GSIDS) FOR PREPARE DISTRICT HUMAN DEVELOPMENT REPORT FOR VADODARA DISTRICT BY CHARUSAT AND DHRD. WE RECEIVED ON 06/12/2014 BY CHEQUE NO.562267, S.B.I-GANDHINAGAR, DATED; 25/11/2014, 3,00,000/-RS. LESS TDS 10%=30,000/-RS. 2,70,000/-RS. AS PER ATTACHED NOTE FROM IIIM COLLEGE. RECD. FROM DISTRICT HUMAN DEVELOPMENT REPORT POSTED TO CSAT S.B.I. - CHANGA [30875081005]		300,000.00
Transaction Total				300,000.00
Opening + Transaction Total				300,000.00
Closing Balance			300,000.00	

Account Ledger

For period from 01/04/2018 To 31/03/2019

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		DISTRICT HUMAN DEVELOPMENT REPORT (DHDR)	Opening Balance	
07/03/2019	SBIc/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY		800.00
13 /18/002950		WE ISSUED CH.761568,800.00RS. 24/02/2018 BUT CHEQUE LIMIT THREE MONTHS HVE BEEN OVER STILL NOT PRESENT IN BANK SO WE MADE RECERS ENTRY. EXPENSES FOR THE INCOME DISTRIBUTION FOR DISTRICT HUMAN DEVELOPMENT (DHDR) VADODARA, FUNDED BY GSIDS, G'NAGAR. AS PER APPROVAL NOTE THIS PAYMENT SUPPOS BY NEFT/CHEQUE AS PER THE UNIVERSITY POLICY 1. GAURAV THAKARAR=800/- RECD. FROM GAURAV THAKRAR POSTED TO CSAT S.B.I. - CHANGA [30875081005]		
08/03/2019	EXPS/EP	SPARTAN TRAVELS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	3,045.00	
23 /18/000174		BILL NO.: 2377 DT. 2019-02-19 FINAL PRESENTATION WITH COLLECTOR AND DIFFERENT DEPARTMENT OFFICERS EXPENSES INCURRED FOR TRAVELLING TOWARDS CHANGA TO G'NAGAR - ANAND.		
26/03/2019	KDCC/BP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	188,283.00	
18 /18/012704		PAYMENT FOR DISTRIBUTION OF INCOME AS PER NOTE RECEIVED SUM OF RS 3 LAKHS FROM DHDR AFTER SUCCESSFULLY PRESENTED AND COMPLETED THE PREPARATION OF DHDR FOR CHHOTAUDEPUR DISTRICT BASED ON UNIVERSITY CONSULTANCY POLICY HERE DISTRIBUTING INCOME. PAID TO YOURSELF POSTED TO CSAT THE K.D.C.C. BANK [902061101000057]		
Transaction Total			191,328.00	800.00
Opening + Transaction Total			191,328.00	800.00
Closing Balance				190,528.00

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
DISTRICT HUMAN DEVELOPMENT REPORT (DHDR)			Opening Balance	
05/04/2017 13 /17/000002	SBIC/BR	GUJARAT SOCIAL INFRA.DEV.SOC. AMOUNT REC. FORM GSIDC FOR GRANT PAYMENT OF SECOND INST.FROM VADODARA (30% 600000/- = 180000/- AS PER BILL NO CHA/ADN/17/3/01,07/03/2017 AND TDS 10% ON 180000/-IS 18,000/-RS. NET AMOUNT CREDIT IS 1,62,000.00 RECD. FROM GUJARAT SOCIAL INFRA.DEV.SOC. POSTED TO CSAT S.B.I. - CHANGA [30875081005]		180,000.00
06/05/2017 23 /17/000006	EXPS/EP	SPARTAN TRAVELS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 3611 DT. 2017-04-11 ARRANGE CAR FOR MS.KIRTI MAKWANA WENT TO VISIT TO DHDR VADODARA FROM ANAND ON DT. 03/04/2017	1,650.00	
27/06/2017 1 /17/005437	CASH/CP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY EXPEN FOR LINCH+TRANSPORTATION+TOLL TAX CHAR..FOR CHARUSAT-FMS-IIIM-DHDR PROJECT MEETING @ G'NAGAR PAID TO DR.PRAMOD PATEL POSTED TO CSAT CASH BOOK	2,860.00	
30/06/2017 1 /17/005721	CASH/CP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHARUSAT-FMS IIIM -DHDR PROJECT PRESENTATION IN FRONT OF CARE COMMITTEE @ CHHOTAUDEPUR BREAK FAST AND LUNCH & TOLL TAX+TRAVELLING CHAR.. PAID TO MR.PRAMOD PATEL POSTED TO CSAT CASH BOOK	4,234.00	
05/09/2017 1 /17/011677	CASH/CP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY TRAVELLING+LUNCH+SWEETS BILL FOR RAJKOT PRESENTATION @ G'NAGAR ON->31/08/2017 (1996+1686+2000) PAID TO MR.PRAMOD PATEL POSTED TO CSAT CASH BOOK	5,682.00	
06/10/2017 23 /17/000096	EXPS/EP	SPARTAN TRAVELS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 4672 DT. 2017-10-04 CAR ARRANGE TO VISIT DHDR VADODARA ON 31/08/2017 FOR MS.KIRTI MAKWANA.	1,650.00	
30/12/2017 1 /17/018036	CASH/CP	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHARUSAT-FMS-IIIM-DHDR MEETING LUNCH EXPS. AT GANDHINAGAR PAID TO BINIT PATEL POSTED TO CSAT CASH BOOK	532.00	
04/01/2018	EXPS/EP	SPARTAN TRAVELS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	2,860.00	

Faculty of Sciences

Dated: December 18, 2012

ORDER

Subject: Financial Sanction of the research project titled "Identification of hydroxycitric acid (HCA) producing bacteria and probing its HCA biosynthetic mechanisms" under the guidance of Dr.(Ms.) Aditi D. Buch, Deptt. of Biochemistry, P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, At. & Po. Changa, Petlad, Anand-388421, Gujarat.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 23,00,000/- (Rs. Twenty Three Lakh Only)** with break-up of **Rs. 7,40,000/- under Capital head** and **Rs. 15,60,000/- under General head** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 23,00,000/-** has been approved for a period of three years, are given below:

Sl. No	Head	Total(in Rs.)
A	Non-recurring (Capital Items)	
1	Equipment UV-Visible Spectrophotometer, Probe Sonicator	7,40,000
A'	Total (Capital)	7,40,000
B	Recurring Items (General)	
1	General - A (Manpower, Consumables, Travel, Contingencies, Analytical/Biological Analysis Charges)	12,60,000
2	General - B (Overhead Charges)	3,00,000
B'	Total (General)	15,60,000
C	Total cost of the project (A' + B')	23,00,000

2. Sanction of the SERB is also accorded to the payment of **Rs. 7,40,000/- (Rs. Seven Lakh Forty Thousand Only)** under 'Grants for creation of Capital assets' and **Rs. 50,000/- (Rs. Fifty Thousand Only)** under 'Grants-in-aid -General' to the PDPIAS, CHARUSAT, CHANGA being the grant for the year 2012-13 for implementation of the said research project.

3. The expenditure involved is debitable to

Grant-in-aid for the year 2012-13 (Plan Expenditure- Capital) - Rs. 7,40,000/-

&

Grant-in-aid for the year 2012-13 (Plan Expenditure- General) - Rs. 50,000/-

This release is made under OYS Scheme.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/5174/2012-13 dated 18.12.2012.

5. Sanction of the grant is subject to the conditions as detailed in Annexure - I.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head General-A should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

2-1

8. The total release amount of **Rs. 7,90,000/- (Rs. Seven Lakh Ninety Thousand Only)** will be drawn by the Drawing & Disbursing Officer of the SERB and will be disbursed by means of cheque/DD favoring **"PDPIAS, CHARUSAT, CHANGA"** and will be sent to **Principal, P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, At. & Po. Changa, Petlad, Anand-388421.**

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

12. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a separate bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13. The sanctioned equipments would be procured as per GFR and its disposal would be done with prior approval of SERB.

14. The project File no. **SR/FT/LS-92/2012** may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. As this is the first grant being released for the project, no previous U/C is required.

Jacob V.V.
(Jacob V.V.)
Scientist-D

Copy forwarded for information and necessary action to: -

1	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2	Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, SERB, New Delhi
3	Pay Accounts Officer, SERB, New Delhi
4	Sanction Folder, SERB, New Delhi.
5	File Copy
6	Dr.(Ms.) Aditi D. Buch Deptt. of Biochemistry P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology At. & Po. Changa, Petlad Anand-388421, Gujarat (Start date of the project may be intimated by name to the undersigned.)
7	Principal, P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, At. & Po. Changa, Petlad, Anand-388421, Gujarat (Receipt of Cheque/DD may be intimated by name to the undersigned.)

Jacob V.V.
(Jacob V.V.)

RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012
Finance Wing, SERB <finance@serb.gov.in>

To: aditibuch.biochem@charusat.ac.in, buch_aditi@yahoo.com

Cc: "DR. PRAMOD KUMAR PRASAD, SCIENTIST- 'C'" <pk.prasad@serb.gov.in>

Wed, Sep 9, 2015 at 2:29 PM

Mr/Ms/Prof/Dr.
ADITI D BUCH
D/o BIOCHEMISTRY,
P D PATEL INSTITUTE OF APPLIED SCIENCES,
ANAND - 388421
Subject: RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012
Sir/Madam,

 I am directed to refer to **Science & Engineering Research Board (SERB)** sanction order no. **SR/FT/LS-92/2012** dated **03-08-2015** and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: UBINH15244347671 / SAA154044843 dated 01-09-2015.
₹ 550000/- (RUPEES FIVE LAKH FIFTY THOUSAND ONLY)
Bill no. GIA/2251 dated 12-08-2015
SERB/F/2522/2015-16
CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY EMAIL ONLY.

SEPARATE Utilization Certificates (UCs) for **Recurring and Non-Recurring Grants** (even if **DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be **sent directly** to the grant Sanctioning Authority by name (*signatory of the sanction order*) **within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent instalment of grant is due for release or not.**

However, if any unspent balance is to be **refunded**, kindly ensure that the unutilized amount may be refunded immediately by way of an **a/c payee cheque/DD** drawn in favour of **"Fund for Science & Engineering Research"**, payable at New Delhi and **forwarded to the undersigned at the address given below:**

The Finance & Budget Officer
 Science & Engineering Research Board (SERB)
 5 & 5A, Lower Ground Floor, Vasant Square Mall,
 Vasant Kunj, New Delhi 110070

USE LESS PAPER, PLANT MORE TREES, SAVE PLANET EARTH

--
 for
Finance & Budget Officer
Science & Engineering Research Board (SERB)
(A statutory body under the Government of India's Department of Science & Technology)
 5 & 5-A, Lower Ground Floor, Vasant Square Mall
 Vasant Kunj, New Delhi 110070
 INDIA
 +91-11-40000328-9
 +91-9818223293
 +91-9818223294

RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012

Finance Wing, SERB <finance@serb.gov.in>
 To: aditibuch.biochem@charusat.ac.in, buch_aditi@yahoo.com
 Cc: "DR. PRAMOD KUMAR PRASAD, SCIENTIST- 'C'" <pk.prasad@serb.gov.in>

Mon, Mar 21, 2016 at 3:33 PM

Mr/Ms/Prof/Dr.

ADITI D BUCH

D/o BIOCHEMISTRY,

P D PATEL INSTITUTE OF APPLIED SCIENCES,

ANAND -

GUJARAT

Subject: RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012

Sir/Madam,

I am directed to refer to **Science & Engineering Research Board (SERB)** sanction order no. **SR/FT/LS-92/2012** dated **10-03-2016** and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: UBINH16078223178 / SAA187676910 dated **18-03-2016**.

□38552/- (RUPEES THIRTY EIGHT THOUSAND FIVE HUNDRED FIFTY TWO ONLY) transferred to A/c No. : 30875081005 , Bank Name/Branch : STATE BANK OF INDIA, CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY CHANGA, TA-PETLAD, DIST-ANAND, GUJARAT

Bill no. GIA/7488 dated 14-03-2016

SERB/F/8355/2015-16

CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY **EMAIL ONLY**.

SEPARATE Utilization Certificates (UCs) for Recurring and Non-Recurring Grants (even if **DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be **sent directly** to the grant Sanctioning Authority by name (*signatory of the sanction order*) **within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent instalment of grant is due for release or not.**

However, if any unspent balance is to be **refunded**, kindly ensure that the unutilized amount may be refunded immediately by way of an **a/c payee cheque/DD** drawn in favour of **"Fund for Science & Engineering Research"**, payable at New Delhi and **forwarded to the undersigned at the address given below:**

The Finance & Budget Officer
 Science & Engineering Research Board (SERB)
 5 & 5A, Lower Ground Floor, Vasant Square Mall,
 Vasant Kunj, New Delhi 110070

USE LESS PAPER, PLANT MORE TREES, SAVE PLANET EARTH

--
 for
Finance & Budget Officer
Science & Engineering Research Board (SERB)
(A statutory body under the Government of India's Department of Science & Technology)
 5 & 5A, Lower Ground Floor, Vasant Square Mall
 Vasant Kunj, New Delhi 110070
 INDIA
 +91-11-40000328-9
 +91-9818223293
 +91-9818223294

RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012

Finance Wing, SERB <finance@serb.gov.in>
To: aditibuch.biochem@charusat.ac.in, buch_aditi@yahoo.com
Cc: "DR. PRAMOD KUMAR PRASAD, SCIENTIST- 'C'" <pk.prasad@serb.gov.in>

Mon, Mar 21, 2016 at 3:33 PM

Mr/Ms/Prof/Dr.

ADITI D BUCH

D/o BIOCHEMISTRY,

P D PATEL INSTITUTE OF APPLIED SCIENCES,

ANAND -

GUJARAT

Subject: RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012

Sir/Madam,

I am directed to refer to **Science & Engineering Research Board (SERB)** sanction order no. **SR/FT/LS-92/2012** dated **10-03-2016** and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: UBINH16078223178 / SAA187676910 dated 18-03-2016.

₹38552/- (RUPEES THIRTY EIGHT THOUSAND FIVE HUNDRED FIFTY TWO ONLY) transferred to A/c No. : 30875081005 , Bank Name/Branch : STATE BANK OF INDIA, CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY CHANGA, TA-PETLAD, DIST-ANAND, GUJARAT

Bill no. GIA/7488 dated 14-03-2016

SERB/F/8355/2015-16

CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY EMAIL ONLY.

SEPARATE Utilization Certificates (UCs) for Recurring and Non-Recurring Grants (even if **DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be sent directly to the grant Sanctioning Authority by name (*signatory of the sanction order*) within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent instalment of grant is due for release or not.

However, if any unspent balance is to be refunded, kindly ensure that the unutilized amount may be refunded immediately by way of an **a/c payee cheque/DD** drawn in favour of **"Fund for Science & Engineering Research"**, payable at New Delhi and forwarded to the undersigned at the address given below:

The Finance & Budget Officer
Science & Engineering Research Board (SERB)
5 & 5A, Lower Ground Floor, Vasant Square Mall,
Vasant Kunj, New Delhi 110070

USE LESS PAPER, PLANT MORE TREES, SAVE PLANET EARTH

--
for
Finance & Budget Officer
Science & Engineering Research Board (SERB)
(A statutory body under the Government of India's Department of Science & Technology)
5 & 5A, Lower Ground Floor, Vasant Square Mall
Vasant Kunj, New Delhi 110070
INDIA
+91-11-40000328-9
+91-9818223293
+91-9818223294

No. BT/PR5795/PID/6/664/2012
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: / /

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "**Rare sugar production using isomerases and epimerase**" for a period of 3 Year 0 Month at a total cost of Rs. **3151600** (Rupees Thirty One Lakhs Fifty One Thousand Six Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Rare sugar production using isomerases and epimerase"

2.2 Project Investigator :

Dr. Darshan H Patel

PI

Biochemistry

P.D. Patel Institute of Applied Sciences

Charotar University of Science and Technology

Changa, Anand -

388421, Gujarat

CO-PI:

Dr. R B Subramanian

Professor

School of Biosciences

Sardar Patel University

, Vallabh Vidhyanagar - 388120, Gujarat

2.3 Objectives:

1. Screening of microorganism for efficient isomerase.
2. Identification of microorganism.
3. Cloning, expression and purification of recombinant proteins.
4. Characterization of proteins.
5. Bioconversion by two step isomerization and epimerization.
6. Purification of sugar from reaction mixture.

2013-to-2016

DBT project

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **3151600/-** (Rupees Thirty One Lakhs Fifty One Thousand Six Hundred Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total(Rs.)
Equipment	1500000.00			1500000.00
Manpower	158400.00	158400.00	184800.00	501600.00
Travel	30000.00	30000.00	40000.00	100000.00
Consumables	300000.00	300000.00	300000.00	900000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	2038400.00	538400.00	574800.00	3151600.00

P. D. PATEL INSTITUTE OF APPLIED SCIENCES

Date : 17/06/2021

Account Group Ledger

For period from 01/04/2015 To 31/03/2016

Vou. Date Vou. No			Type	Description	Debit Amount	LIABILITY Credit Amount
Group Name : L-01-000-0000 - FUNDS						
Subgroup Name : L-01-002-0000 - PROJECT FUND						
Account Name : L-01-002-0025 - DBT PROJECT BT/PR5795/PID/6/664/2012					Op Balance	
28/10/2015	GOOD/PI		SAMIR TECH - CHEM PVT. LTD POSTED TO		31.20	
21 /15/000120			CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 255/E, 254/T DT. 2015-08-31 VAT @5.00 FOR METHANOL, GLYCERIN ETC. CHEMICALS & GLASSWARE PURCHASE FOR DBT PROJECT			
28/10/2015	GOOD/PI		STERLING BIOLOGICALS POSTED TO CHAROTAR		3,610.78	
21 /15/000121			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 507/15-16 DT. 2015-09-04 PURCHASE CHEMICALS & GLASSWARE FOR DBT PROJECT			
28/10/2015	GOOD/PI		STERLING BIOLOGICALS POSTED TO CHAROTAR		180.54	
21 /15/000121			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 507/15-16 DT. 2015-09-04 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DBT PROJECT			
05/12/2015	SBIC/BR		CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY			432,400.00
13 /15/001921			AMOUNT RECEIVED FROM DST FOR MR.DARSHAN PATEL PROJECT NAMELY DBT PROJECT/PR5795/664/2012 BY NEFT. AS PER BANK STATEMENT. RECD. FROM DST PROJECT664/2012 DARSHAN PATEL			
14/12/2015	GOOD/PI		POSTED TO CSAT S.B.I. - CHANGA [30875081005] GENERAL TRADE AGENCY POSTED TO CHAROTAR		1,976.25	
21 /15/000161			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: R/0874/15-16 DT. 2015-11-05 PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT			
14/12/2015	GOOD/PI		GENERAL TRADE AGENCY POSTED TO CHAROTAR		98.81	
21 /15/000161			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: R/0874/15-16 DT. 2015-11-05 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT			
14/12/2015	GOOD/PI		PHENOMENEX INC. POSTED TO CHAROTAR		53,675.00	
21 /15/000162			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: ININ1536744 DT. 2014-11-23 PURCHASE REZEX RCM-MONOSACCHARIDE CA+2 FOR DBT PROJECT			
14/12/2015	GOOD/PI		PHENOMENEX INC. POSTED TO CHAROTAR		2,683.75	
21 /15/000162			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: ININ1536744 DT. 2014-11-23 VAT @5.00 FOR PURCHASE REZEX RCM-MONOSACCHARIDE CA+2 FOR DBT PROJECT			
14/12/2015	GOOD/PI		DUTT ENTERPRISE POSTED TO CHAROTAR		11,400.00	
21 /15/000163			UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: NRI-163 DT. 2015-10-27 PURCHASE AMICON ULTRA FOR DBT PROJECT			

No. BT/PR10877/AAQ/3/668/2014

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: / /

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: **"Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants"** for a period of 3 Year 0 Month at a total cost of Rs. **2723000** (Rupees Twenty Seven Lakhs Twenty Three Thousand Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants"**

2.2 Details of the Investigations:

Dr. Janki Navnit Thakker

PI

Biotechnology

Charotar Institute of Applied

Sciences

P. D. Patel Institute of Applied

2.3 Objectives:

1. Extensive validation at laboratory and field level on the plant growth promoting property of Pseudomonas sp OG based talc bio-formulation (Product no.1)
2. Extensive in vitro and in vivo assay of Pseudomonas sp OG as the bio-control agent of Fusarium sp. of plants
3. Development of Pseudomonas sp OG as bio-control agent in agriculture in the management of pathogenic Fusarium spp. (Product no.2)

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **2723000/-** (Rupees Twenty Seven Lakhs Twenty Three Thousand Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total(Rs.)
Equipment	549800.00			549800.00
Manpower	360000.00	360000.00	403200.00	1123200.00
Overhead	50000.00	30000.00	20000.00	100000.00
Travel	50000.00	50000.00	50000.00	150000.00
Consumables	300000.00	200000.00	200000.00	700000.00
Contingency	50000.00	30000.00	20000.00	100000.00
Total (Rs.)	1359800.00	670000.00	693200.00	2723000.00

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at
Annexure-I

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at
Annexure-II

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2015-2016
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Assistance for Research & Development
3425.60.200.29.17	Assistance for Research & Development
3425.60.200.29.17.35	Grants for creation of capital Assets

The **Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2015-2016
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Assistance for Research & Development
3425.60.200.29.17	Assistance for Research & Development
3425.60.200.29.17.31	Grants in Aid-General

4. Terms & Conditions:

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV

- 4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.
5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
6. The Director, Charotar Institute of Applied Sciences, Ahmedabad, Gujarat would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
8. The accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.
9. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/4779/2015-2016** dated **March, 31 2016.**
10. This sanction order has been noted at serial no. _____ in the Register of Grants.

(Dr. A S Ninawe)
Adviser

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 The Director, Charotar Institute of Applied Sciences, Education Campus, Changa 388 421, Gujarat, Ahmedabad - 388421, Gujarat
- 3 Dr. Janki Navnit Thakker, PI, Biotechnology, Charotar Institute of Applied Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, - 388421, Gujarat
- 4 Cash Section, DBT (2 copies).
- 5 Sanction Folder.
- 6 File Copy.

(Dr. A S Ninawe)
Adviser

Annexure -I

Details of the Equipment sanctioned for the implementation of the project titled "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**":

Charotar Institute of Applied Sciences			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Autoclave	1	99800.00
2.	Uv Visible Spectrophotometer	1	450000.00
Total			549800.00

(Dr. A S Ninawe)
Adviser

Annexure -II

Details of the manpower sanctioned for the implementation of the project titled "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
Junior Research Fellow JRF -(One) @Rs. 25000/- PM +20% HRA for 1st & 2nd year	1	360000.00	360000.00		720000.00
Senior Research Fellow SRF -(One) @Rs. 28,000/- PM +20% HRA for 3rd year	1			403200.00	403200.00
Total(Rs.)		360000.00	360000.00	403200.00	1123200.00

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No.SR/S9/Z-09/2012 dated 21.10.2014.

(Dr. A S Ninawe)
Adviser

No. BT/PR10877/AAQ/3/668/2014
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors)
CGO Complex, Lodhi Road,
New Delhi- 110 003

Date:

RELEASE ORDER

In continuation of this Department's sanction order of even number dated Mar 31, 2016 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **549800.00** (Rupees Five Lakhs Fourty Nine Thousand Eight Hundred Only) being the first year release for the project entitled "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**", being implemented by

Dr. Janki Navnit Thakker, Charotar Institute of Applied Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, - 388421, Gujarat

The detailed break-up is as given below:

SNo	Institute Name	Non Recurring		Total Release Amount (Rs)
		Equipment	Other	
1	Charotar Institute of Applied Sciences	549800.00	0.00	549800.00

2. The amount of Rs. **549800.00** /-(**Rupees Five Lakhs Fourty Nine Thousand Eight Hundred Only**) will be drawn by the Drawing & Disbursing Officer, DBT, from the Pay & Accounts Officer, DBT, and disbursed through RTGS as per following details:

The Director, Charotar Institute of Applied Sciences, Education Campus, Changa 388 421, Gujarat, Ahmedabad - 388421, Gujarat

Bank Name : State Bank of India
Branch Name : CHARUSAT Campus, Changa
A/c No. : 30875081005
IFSC Code : SBIN0010961
MICR Code : 388002502

3. The expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2015-2016
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Assistance for Research & Development
3425.60.200.29.17	Assistance for Research & Development
3425.60.200.29.17.35	Grants for creation of capital Assets

4. The Director, Charotar Institute of Applied Sciences, Ahmedabad, Gujarat will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
5. The Accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.

6. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
7. The amount released under non-recurring head is to be utilized within period of 18 months from the release order.
In case of the whole or part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten percent per annum thereon shall be recovered.
The other terms and conditions governing the financial sanction will remain unaltered.
8. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/4780/2015-2016** dated **March, 31 2016.**
9. This sanction order has been noted at serial no. _____ in the Register of Grants.

(Dr. A S Ninawe)
Adviser

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi- 110 002.
- 2 The Director, Charotar Institute of Applied Sciences, Education Campus, Changa 388 421, Gujarat, Ahmedabad - 388421, Gujarat
- 3 Dr. Janki Navnit Thakker, PI, Biotechnology, Charotar Institute of Applied Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, - 388421, Gujarat
- 4 Cash Section, DBT (2 copies).
- 5 Sanction Folder.
- 6 File Copy.

(Dr. A S Ninawe)
Adviser

Faculty - View Offer Letter

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
Department of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Date: 29 July, 2014

Subject: INSPIRE Faculty Award - Offer letter

Dear Dr. Hilor Subhash Pathak

Government of India has launched a unique scheme "**Innovation in Science Pursuit for Inspired Research(INSPIRE)**" with several components. INSPIRE Faculty Scheme is one such component of INSPIRE Programme which offers a contractual research award for carrying out independent research to young achievers. Guidelines of the INSPIRE Faculty scheme and award is available at the website: www.inspire-dst.gov.in. Based on your application followed by the due selection process, **I am pleased to inform you that you have been selected for INSPIRE Faculty Award.**

A compensation matching cost equivalent to that of Assistant Professor of an IIT at the time of entry, along with Rs. 3500000 (@ Rs. 700000/year) of research grant shall be offered to each Awardee. The Faculty Award is tenable for a period of five years from the date of joining the Faculty position. However, each Awardee as well as the Host Institute will be required to sign an 'UNDERTAKING' for implementation of this Faculty Award.

Each awardee will be required to inform **DST** on acceptance of the Award within 3 months from the date of this offer. This includes finalization of the Host Institute for implementation of this Award and joining at the selected Host Institute. In case Awardee does not inform DST within 3 months, the Award offer shall automatically be forfeited. Please note that the Host Institution shall be other than the Institute/ University/ Laboratory where you have completed your PhD work/degree.

You are requested to take necessary action towards implementing this Award. Towards this the following documents are required to upload at portal (www.online-inspire.gov.in), so that necessary funds can be released to Host Institute from our end:

Details of Bank Account of the Host Institute (not for individual Awardees)

Duly signed 'UNDERTAKING'

Break-up on usage of Research Grant @ Rs. 700000 / year for 5 years (year-wise without clubbing)

Joining Report (Duly authenticated)

Login-ID and Password used at the time of submission of application shall be used now as well for upload. Without submission of these documents through online, no action would be possible to take at this end.

This issue's with the approval of Secretary DST vide Dy.No.4081 dated 07/23/2014. We shall be looking for your responses in this respect.

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY

Technology Bhawan
New Mehrauli Road
New Delhi-110016
16-12-2014

SANCTION ORDER

Subject: Release of INSPIRE Faculty Award amount as well as Research Grant for **Hilor Pathak**[DST/INSPIRE/04/2014/015477] for implementation of INSPIRE Faculty Award at **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**,

Upon selection for awarding INSPIRE Faculty Award and its subsequent finalization and acceptance of the Host Institution for implementation of this Award for five years at CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), President is hereby pleased to accord sanction of **Rs.700000 (Rupees seven hundred thousand only)** in Financial Year 2014-15 for implementation of this Award at the aforesaid Host Institute under the AORC component of the INSPIRE Program of the Department of Science & Technology, New Delhi.

INSPIRE Code	Name	Award Amount	Research Grant	Host Institute
DST/ INSPIRE Faculty Award /2014/DST/INSPIRE/04/2014/015477	Hilor Pathak	Rs.0/-	Rs. 700000/-	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

The amount i.e. **Rs. 700000/-** is being transferred through the State Bank Of India, New Delhi to the Director, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT) in its Accounts with the following details (Bank : State Bank of India, A/c No.: 30875081005, IFSC Code : SBIN0010961) for the award amount and research grant as above.

The implementation of Award by the Host Institute shall be governed as per Rule 211 GFRs, the accounts of the Grantee Institute will be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so, as well as under the broad frame work of the Faculty Award "Undertaking".

The Host University/Institute shall submit the year-wise Utilization Certificate and Statement of Expenditure for considering any future release on this.

This issue's with the approval of IFD, Department of Science and Technology vide IFD Dy No. JS&FA/1181 dated 22/09/2014 and HOD Dy. No. 646 dated 08/09/2014.

With Kind Regards,

(A. Mukhopadhyay)
Scientist "G"

To,

1. Hilor Pathak

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

2. Director

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

No: GUJCOST/MRP/15-16/1913

Gujarat Council on Science and Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar – 382 011.

Date: 16-1-16

Reference: (1) Minor Research Project proposal dated 21/10/2014.
(2) GUJCOST Note Dated 7th January, 2016.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Development of solution-Based ZnO Nanostructures as light harvesters for Low-cost solar Photovoltaics" from Dr. Anjana Kothari from Dr.K.C.Patel Research and Development Center, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th March, 2015 financial assistance Rs.4,50,000/- (Rupees Four lakh fifty thousand only) is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,50,000	1,10,000	2,60,000
(2)	Travel	15,000	15,000	30,000
(3)	Other Costs	85,000	75,000	1,60,000
(4)	Equipments	-	-	-
Grand Total		2,50,000	2,00,000	4,50,000

Permission is hereby granted for release of grant of Rs. 2,50,000/- for first year, and Rs. 2,00,000/- for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

3.1.3
2016-17

The Cheque / DD of Rs. 2,50,000/- (Rupees two lakh fifty thousand only) shall be issued in favor of " Dr.K.C.Patel Research and Development Center" payable at ,Changa.

The expenditure involved is debit to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

1. Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
2. Dr. Anjana Kothari from Dr.K.C.Patel Research and Development Center ,Changa
3. Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY



सत्यमेव जयते

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2015-16/1932

18th January, 2016

Dr. Anjana Kothari

Research Scientist,

CHARUSAT- Education Campus Changa,

Dr. K. C. Patel Research and Development Centre,

Changa, Anand-388421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2014-15.

Ref: GUJCOST letter dated on 30th March, 2015

Dear Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "Development of solution-Based ZnO Nanostructures as light harvesters for Low-cost solar Photovoltaics" amounting Rs. 2,50,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 18th January, 2016.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Thanking you and with kind regards.

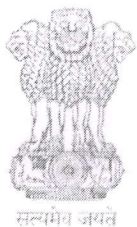
Yours sincerely,

(Narottam Sahoo)

2nd Installment

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciog-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/390

30th June, 2014

To

Dr. Niraj Jain

Associate Professor

Principal & Dean of Applied Sciences

P D Patel Institute of Applied Sciences

Charotar University of Science & Technology

(CHARUSAT) Campus Changa-388421 Anand

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "To study Anti-cancer effects of Phosphonium Ionic liquids on HPV positive and negative cervical cancer cell lines"

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to your project proposal on To study Anti-cancer effects of Phosphonium Ionic liquids on HPV positive and negative cervical cancer cell lines, GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs. 5,00,000 (Rupees five lakh only) for two years time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU at the earliest so that necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



सत्यमेव जयते

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11

Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciof-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/427

30th June, 2014

To

Dr. Janaki N Thakker

Assistant Professor

P. D. Patel Institute of Applied Sciences

Charotar University of Science and Technology,

Changa, Anand

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on
"Carotenoids from Marine Microbes: Extraction, Purification and Applications."

Dear Sir,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST),
Gandhinagar.

With reference to your project proposal on carotenoids from marine microbes:
extraction, purification and applications, GUJCOST is pleased to inform you that your
proposal has been sanctioned for an amount of Rs. 4,00,000 (Four lakh rupees only)
for two years time period.

As per the GUJCOST guidelines and for the disbursement of the grant, a
Memorandum of Understanding (M.O.U) has to be signed between the Principal/
Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/-
stamp paper with Notary registration. A draft MOU has been enclosed herewith for
your reference.

We request you to please send us the signed copy of the MOU at the earliest so that
necessary financial assistance may be released.

Tanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

No. BT/PR9727/GBD/27/505/2013

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003

Dated: / /

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "**Elastin Like Polypeptide (ELP) Tagged Amylase and Xylose Isomerases: Alternative Purification and Immobilization Technology**" for a period of 3 Year 0 Month at a total cost of **Rs. 1193600** (Rupees Eleven Lakhs Ninety Three Thousand Six Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Elastin Like Polypeptide (ELP) Tagged Amylase and Xylose Isomerases: Alternative Purification and Immobilization Technology**"

2.2 Project Investigator :

Dr. Darshan H Patel

PI

Biochemistry

P.D. Patel Institute of Applied Sciences

Charotar University of Science and Technology

Changa, Anand -

388421, Gujarat

CO-PI:

Dr. Jagdish Shantilal Patel

Assistant Professor

Charotar University of Science and Technology

P.D. Patel Institute of Applied Sciences

At&Po.: Changa

Ta.: Petlad, Anand - 388421, Gujarat

2.3 Objectives:

1. ELP gene synthesis using mega primer overlap extension PCR to create gene encoding for (VPGVG)₅ X 20/21/22 which will results in the length of 100, 105 and 110 amino acid polypeptide
2. Gene Construct: Various length of ELP gene to fuse with full length gene encoding amylase and xylose isomerase
3. Recombinant expression of ELP tagged amylase and xylose isomerases along with wild type (WT) proteins in E.coli. Development of inverse transition cycling (ITC) purification strategy for ELP tagged proteins and purification of WT proteins using Ni-NTA affinity chromatography
4. Comparative physical [pH, Temperature, Metal (in case of xylose isomerase), half life], kinetic (Km, kcat, Vmax, kcat/Km) and product yield optimization between ELP fused and WT proteins.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **1193600/-** (Rupees Eleven Lakhs Ninety Three Thousand Six Hundred Only) as per details given below :



NO. SR/FT/LS-35/2012
SCIENCE & ENGINEERING RESEARCH BOARD

Technology Bhavan
New Mehrauli Road
New Delhi - 110 016.

Dated: December 12, 2012

ORDER

Subject: Financial Sanction of the research project titled "Implication of P glycoprotein modulation by phytochemicals to increase bioavailability of drug in hyperglycemic stress" under the guidance of **Dr. Jagdish S. Patel**/ Deptt. of Biochemistry, P. D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, Post- Changa, Petlad Distt. Anand-388421, Gujarat.

In supersession of sanction order of even number dated September 18, 2012, sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 16,10,000/- (Rs. Sixteen Lakh Ten Thousand Only)** with break-up of **Rs. 1,23,000/-** under Capital head and **Rs. 14,87,000/-** under General head **for a duration of three years**. The items of expenditure for which the total allocation of **Rs. 16,10,000/-** has been approved for a period of **three years**, are given below:

Sl. No	Head	Total (in Rs.)
A	Non-recurring (Capital Items)	
1	Equipment Spectrofluorometer, Analytical balance	1,23,000
A'	Total (Capital)	1,23,000
B	Recurring Items (General)	
1	General - A (Manpower, Consumables, Travel, Contingencies, Analytical/Biological Analysis Charges)	12,17,000
2	General - B (Overhead Charges)	2,70,000
B'	Total (General)	14,87,000
C	Total cost of the project (A' + B')	16,10,000

2. Sanction of the SERB is also accorded to the payment of **Rs. 1,23,000/- (Rs. One Lakh Twenty Three Thousand Only)** under 'Grants for creation of Capital assets' and **Rs. 50,000/- (Rs. Fifty Thousand Only)** under 'Grants-in-aid -General' to the PDPIAS, Charusat being the grant for the year 2012-13 for implementation of the said research project.

3. The expenditure involved is debitable to

Grant-in-aid for the year 2012-13 (Plan Expenditure- Capital) - Rs. 1,23,000/-

&

Grant-in-aid for the year 2012-13 (Plan Expenditure- General) - Rs. 50,000/-

This release is made under OYS Scheme.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/5069/2012-13 dated 11.12.2012.

5. Sanction of the grant is subject to the conditions as detailed in Annexure - I.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

Contd...2/-

P. D. PATEL INSTITUTE OF APPLIED SCIENCES

Date : 17/06/2021

Account Group Ledger

For period from 01/04/2015 To 31/03/2016

Vou. Date	Type	Description	Debit Amount	Credit Amount
Vou. No				
Group Name	: L-01-000-0000 - FUNDS			
Subgroup Name	: L-01-002-0000 - PROJECT FUND			
Account Name	: L-01-002-0014 - DST PROJECT FOR SR/FT/LS-35/2012			
		Op Balance		
20/07/2015	SBIC/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY		500,000.00
13 /15/001289		AMOUNT RECEIVED FROM DST-NEWDELHI FOR THE PROJECT OF DR.JAGDISHBHAI PATEL (PDPIAS) NAME OF "DST PROJECT FOR SR/FT/LS-35/2012 DR.JAGDISHBHAI" AS PER BANK STATEMENT. RECD. FROM DST PROJECT FOR SR/FT/LS-35/2012 DR.JAGDISHBHAI		
13/08/2015	CASH/CP	POSTED TO CSAT S.B.I. - CHANGA [30875081005] CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	7,628.00	
1 /15/009393		EXPEN FOR TRAVELLING+HOSTEL STAY+FOOD & REFRESHMENT+OYHER EXPEN FOR VISIT TO DR.JOBAN.K.MODHA FOR DISCUSSION REGARDING ONGOING DST RESEARCH PROJECT & DISCUSSION FOR FUTURE COLLABORATIVE RESEARCH PLAN PAID TO MR.JAGDISH.S.PATEL		
13/08/2015	CASH/CP	POSTED TO CSAT CASH BOOK CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	833.00	
1 /15/009393		EXPEN FOR STATIONERY PURCH & TRAVELLING CHAR..FOR DST PROJECT USE PAID TO MR.JAGDISH.S.PATEL		
13/08/2015	CASH/CP	POSTED TO CSAT CASH BOOK CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	162.00	
1 /15/009393		EXPEN FOR POSTAGE & XEROX BILL CHAR..FOR SUBMISSION OF DST PROJECT USE PAID TO MR.JAGDISH.S.PATEL		
12/10/2015	GOOD/PI	POSTED TO CSAT CASH BOOK MANISHA ENTERPRISE POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	5,495.00	
21 /15/000106		BILL NO.: RI/15-16/282 DT. 2015-08-27 PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT		
12/10/2015	GOOD/PI	MANISHA ENTERPRISE POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	274.75	
21 /15/000106		BILL NO.: RI/15-16/282 DT. 2015-08-27 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT		
12/10/2015	GOOD/PI	GENERAL TRADE AGENCY POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	11,951.00	
21 /15/000107		BILL NO.: R/0602/15-16 DT. 2015-09-03 PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT		
12/10/2015	GOOD/PI	GENERAL TRADE AGENCY POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY	597.55	
21 /15/000107		BILL NO.: R/0602/15-16 DT. 2015-09-03 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT		

No: GUJCOST/MRP/12-13/39

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date:

Reference: (1) Letter/ Application dated 15/06/2011 from P. D. Patel institute of Applied Sciences, CHARUSAT, Changa, Gujarat-388 421.
(2) GUJCOST Note, Dated 16th January 2013.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled "Formulation of a unique magnetic nanoparticles based DNA, RNA and Protein extraction kit" from Dr. C. N. Ramchand, P. D. Patel institute of Applied Sciences, CHARUSAT, Changa, Gujarat-388 421 under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance of Rs. 3,50,000/- (In words: Rupees Three Lakh Fifty Thousand only) is sanctioned for period of Two Years as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,30,000	1,20,000	2,50,000
(2)	Travel	---	---	---
(3)	Other Costs	40,000	60,000	1,00,000
(4)	Equipments	---	---	---
Grand Total		1,70,000	1,80,000	3,50,000

Permission is hereby granted for release of grant of Rs. 1,70,000/- for first year and Rs. 1,80,000/- for second year under the following conditions:-

(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST on Rs. 50/- Stamp Paper with NOTARY Registration as per the prescribed format attached herewith. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.

(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

The Cheque/ DD of Rs. 1,70,000/- (In words: Rupees One lakh Seventy thousand only) shall be issued in favor of "The Principal, P. D. Patel institute of Applied Sciences, CHARUSAT" payable at Changa.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- (1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- (2) Principal, P. D. Patel institute of Applied Sciences, CHARUSAT, Changa, Gujarat.
- (3) Dr. C. N. Ramchand, P. D. Patel institute of Applied Sciences, CHARUSAT, Changa, Gujarat-388 421.
- (4) Office file.



Indore Centre
इन्दौर केन्द्र

UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities : IUC-DAEF)

Dr. V. Ganesan
Centre-Director

12

Ref: CSR-IC/CRS-92/2122

31st March 2015

Dr. T. K. Chaudhuri
Professor and Head
Charotar Univ. of Sci. and Tech., Changa, Anand District,
Gujarat 3
Tel: 02697248285
Email: tkchaudhuri.md@charusat.ac.in

Sub:- Your proposal entitled "Studies on electrical and photo-electronic properties of lead sulphide / polymer nanocomposites".

Dear Prof. Chaudhuri,

We are happy to inform you that your CRS proposal has been renewed for one more year with effect from date of issue of this letter, subject to compliance of other procedures.

The financial allocation for this year will be:
Research Student (@ Rs.14,000/- pm) + HRA
Contingency
Consumables
No overheads are available under this scheme.

Rs. 1,68,000/-+HRA

Rs. 15,000/-

Rs. 30,000/-

Yours sincerely,

V. Ganesan
(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Director, CSR, Indore.
2. The Administrative Officer-II, CSR, Indore.
3. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
4. The Registrar, Charotar Univ. of Science and Technology, Changa, Anand.
5. Dr. T. Shripathi and Dr. U.P. Deshpande, CSR, Indore Centre
6. The PS to Centre-Director, CSR, Indore Centre for project file.

विश्वविद्यालय परिसर, खण्डवा रोड, इन्दौर - 452 001 (म. प्र.)

University Campus, Khandwa Road, INDORE - 452 001 (M.P.) INDIA

Phone + 91-731-2472200, 2908150 - Direct, PBX- 2463913, 2762267, 2472201 Extn 192 311

Fax +91-731-2465437 e-mail vganesan@csr.res.in cd.indore@csr.res.in

www.csr.res.in

Dr. V. Ganesan
Centre-Director

Ref: CSR-IC/CRS-92/2014-15/ ~~532~~ 598

18 Sept
25 August 2014

Dr. T. K. Chaudhuri
Professor and Head
Charotar Univ. of Sci. and Tech., Changa, Anand District,
Gujarat 3
Tel: 02697248285
Email: tkchaudhuri.md@charusat.ac.in

Sub:- Your proposal entitled "Studies on electrical and photo-electronic properties of lead sulphide / polymer nanocomposites".

Dear Prof. Chaudhuri,

We would like to thank you for visiting CSR, Indore Centre for presenting your CRS proposal on 21st August, 2014. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved.

1. The financial allocation for this year will be:
Research Student (@ Rs.14,000/- pm) + HRA Rs. 1,68,000/-+HRA
Contingency Rs. 15,000/-
Consumables Rs. 30,000/-
No overheads are available under this scheme.
2. This project is sanctioned presently for one year but it may be extended on year basis subject to a total period of three years.
3. Dr. T. Shripathi and Dr. U.P. Deshpande will coordinate the activities of the project from CSR side.
4. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
5. Research Student may be engaged following the guidelines attached herewith. Fellowship may be sanctioned as per the guidelines given in the addendum (enclosed).
6. The CSR will be able to reimburse the travel expenses to investigators as per rules, limited to 2nd AC train fare visiting CSR, Indore Centre on project work.

Contd...2

:: 2 ::

7. At the end of the financial year (i.e., March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
8. The PI and the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
9. You may please send the following information along with your acceptance for sending the grants:
 - a. Name of the Bank
 - b. Name of Beneficiary
 - c. RTGS Code of the Bank
 - d. A/c No. of Beneficiary
 - e. Branch of the Bank
10. Selection of research student in the project will be done as per the guidelines enclosed.

Please let me have your acceptance of the CRS under the above conditions by 25th September, 2014 so that money can be transferred to the Registrar of your university.

Yours sincerely,


(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Director, CSR, Indore.
2. The Administrative Officer-II, CSR, Indore.
3. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
4. The Registrar, Charotar Univ. of Science and Technology, Changa, Anand.
5. Dr. T. Shripathi and Dr. U.P. Deshpande, CSR, Indore Centre
6. The PS to Centre-Director, CSR, Indore Centre for project file.

File No. **DST/TM/ SERI/2K10/25/A**
Government of India
Ministry of Science and Technology
Department of Science and Technology

Inward No.: 144
Date: 24/6/2011 Sign: **13**

Technology Bhavan,
New Mehrauli Road,
New Delhi-110 016

Dated: 10/06/2011

Sanction Order

Project Title: "Inkjet printing of inorganic thin films for solar photovoltaics" by Dr. T.K Chaudhuri, PI

Sanction of the President is accorded for implementation of the Project mentioned above at a total cost of **Rs. 72, 48, 000/- (Rupees Seventy two lakh forty eight thousand only)** for implementation of the above project for a duration of **36 months** with initial release of Grand for creation of capital assets of **Rs. 55,20,000/- (Rupees fifty five lakh twenty thousand only)** to Charotar University of Science & Technology, Anand District - 388421, Gujarat.

2. The items of expenditure for which the total allocation has been approved are given below

Sl no.	Budget head	1 st year	2 nd year	3 rd year	Total (Rs. in lakh)
1.	Manpower (1 no. Project Assistant)	0.96	0.96	0.96	2.88
2.	Permanent equipments (Inkjet Printer for Materials, Programmable Split tubular furnace, Vacuum Oven, Fume hood)	55.20	-	-	55.20
3.	Travel	0.30	0.30	0.30	0.90
4.	Contingencies	0.30	0.40	0.30	1.00
5.	Consumables	3.00	0.75	0.75	4.50
6.	Other cost (Testing)	1.00	1.00	1.00	3.00
7.	Overhead Charges	2.0	1.50	1.50	5.00
	Total	62.76	4.91	4.81	72.48

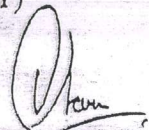
3. The sanction of the grant is subject to the conditions detailed in Annexure-I. The acceptance of the grant would automatically imply acceptance to the terms and conditions of DST's grants. The manpower engaged in the project shall be as per the DST guideline for research personnel working on R & D programme. The Principal Investigator of the project has to ensure obtaining the statutory clearances required for execution of the project.

4. The project would be monitored by a monitoring committee appointed by Department of Science and Technology, Govt. of India

5. It is also certified that this is the first grant towards the project and as such provisions of GFR 212(1) relating to UCs is not applicable.

Contd./Pg 2

2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. The Director of Audit, III Floor, AGCR Building, IP Estate, New Delhi
5. Dr. T.K. Chaudhuri,
Professor and Head,
Dr. K.C. Patel Research and Development Centre,
Charotar University of Science and Technology,
CHARUSAT, Changa,
Anand District – 388421, Gujarat
6. The Director,
Charotar University of Science and Technology,
CHARUSAT, Changa,
Anand District – 388421, Gujarat
7. Sanction folder
8. Master File
9. Office Copy
10. Shri Sanjay Bajpai, Scientist 'F', Member Secretary (SERI, DST)
11. FICCI Cell


(Vineet Saini)
Scientist 'C'

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11
Gandhinagar, Gujarat-382011.
Phone: (079) 23259362-65 Fax: (079) 23259363
E-mail: sciof-gujcost@gujarat.gov.in
URL: www.gujcost.gujarat.gov.in



Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/MRP/2014-15/ 163 6

13th Feb, 2015

Dr Kinnari Parekh

Senior Research Scientist

Dr.K.C.Patel Research and Development Centre,
Charotar University of Science and Technology,
Changa 388421, Anand
Mo: 02697248285

Sub: Release of second installment of the sanctioned grant for Minor Research Project
2012-13.

Ref: GUJCOST Sanction order, Dated 18th March 2013.

Dear Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST),
Gandhinagar.

We are pleased to enclosed herewith an A/C payee Cheque bearing no. 903594 dated 11th
Feb, 2015 for Rs. 46,000/- (Forty six Thousands only) in favor of "The Dean, Charotar of
Science and technology" towards release of second installment of your Minor Research
Project entitled "Thermal Conductivity Of Nanofluids:Potential Application In Heat Transfer
Devices".

We request you to please acknowledge us the stamped receipt of the above payment for our
records. We also request to PI expedite your project work and submit us the relevant
documents in time. GUJCOST needs quality publications on your R & D work.

Tanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

Encl:

1. Release letter
2. Cheque
3. Sanction order

No: GUJCOST/MRP/14-15/ 1606

Gujarat Council on Science and
Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date:

11 FEB 2015

Reference: (1) Letter/ Application dated 11/11/2011 from Dr. K. C. Patel Research and development center, Charotar University of Science and Technology, Changa, Anand, Gujarat-388421.
(2) GUJCOST Note, Dated 7th Feb 2015.

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled **"Thermal conductivity of Nanofluids: Potential Application in heat transfer device"** from **Dr. Kinnari Parekh, Dr. K. C. Patel Research and development center, Charotar University of Science and Technology, Changa, Anand, Gujarat-388421** under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance of **Rs.3,67,000/- (In words: Rupees Three Lakh Sixty Seven Thousand only)** is sanctioned for period of **Two Years** as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	20,000	20,000	40,000
(2)	Travel	20,000	20,000	40,000
(3)	Other Costs	6,000	6,000	12,000
(4)	Equipments	2,75,000	---	2,75,000
Grand Total		3,21,000	46,000	3,67,000

Permission is hereby granted for release of grant of **Rs. 3,21,000/-** for first year and **Rs. 46,000/-** for second year under the following conditions:-

- 1) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.
- 2) Unspent amount will have to be submitted to GUJCOST at the end of Project.
- 3) Pls must acknowledge GUJCOST in any paper publication/ presentation etc. regarding this Project.

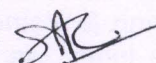
The Cheque/ DD of Rs. 46,000/- (In words: Rupees Forty six thousand only) shall be issued in favor of "The Dean, Charotar University of Science and Technology payable at Changa.

The expenditure involved is debit to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.



Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

- (1) Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
- (2) Dean, Charotar University of Science and Technology, Changa, Gujarat-360005.
- (3) Dr. Kinnari Parekh, Dr. K. C. Patel Research and development center, Charotar University of Science and Technology, Changa, Anand, Gujarat-388421
- (4) Office file.

NO. SR/FT/CS-133/2011
Science and Engineering Research Board
(SERB)

Technology Bhavan,
New Mehrauli Road,
New Delhi - 110016

Dated: 12.07.2012

ORDER

Subject :- Financial assistance for the research project entitled "Supramolecular hydrogels an efficient carrier for sustained/targeted delivery of biomedical polyoxometalates" under the guidance of Dr. Sachin A. Joshi, Research Scientist, Charotar University of Science and Technology, Anand-388421.

The sanction of the SERB is hereby accorded to the above-mentioned project at a total cost of Rs. 2170000/- (Rupees Twenty one lakh seventy thousand only) with break-up of Rs. 750000/- (Rupees Seven lakh fifty thousand only) under Capital head and Rs. 1420000/- (Rupees Forteen lakh twenty thousand only) under General head for a duration of three years. The items of expenditure for which the total allocation of Rs. 2170000/- has been approved for a period of three years, are given below:

(Amount in Rs.)

A. Non-recurring (Capital Items)

HEAD	TOTAL
<i>Equipments: Rotary evaporator with vacuum pump, Hot air oven, Oil bath, Sonicator bath, Vacuum pump, pH meter, Melting point apparatus, Hydrothermal reactors, Schlenk line, Glove box</i>	750000
Total - Capital	750000

B. Recurring Items (General)

	TOTAL (in Rs)
<i>General-A</i> <i>(Manpower, Consumables, Travel, Contingencies and Analytical charges)</i>	1090000
<i>General-B: OVERHEADS</i>	330000 ✓
Total (General) (General-A+ General-B)	1420000
TOTAL (A+B.)	2170000

2. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.
3. The sanction of the SERB is also accorded to the payment of Rs. 1281000/- (Rupees Twelve lakh eighty one thousand only) (Rs. 750000/- (Rupees Seven lakh fifty thousand only) under 'Grants for creation of capital assets' and Rs. 531000/- (Rupees Five lakh thirty one thousand only) under 'Grants-in-aid General') to The Registrar, Charotar University of Science and Technology, Anand being the first installment of the grant for the year 2012-13 for implementation of the said research project
4. Sanction of the grant is subject to the conditions as detailed in Annexure - I.
5. The amount of Rs. 1281000/- (Rupees Twelve lakh eighty one thousand only) will be drawn by the Drawing and Disbursing Officer of the SERB and will be disbursed by means of cheque/DD favouring The Registrar, Charotar University of Science and Technology, Anand and will be sent to The Registrar, Charotar University of Science and Technology, (CHARUSAT), Changa, Anand: 388421

- 2 -

6. The expenditure involved is debitable to

Grant-in-aid for the year 2012-13(Plan expenditure-**Capital**): Rs. 750000/-

&

Grant-in aid for the year 2012-13 (Plan expenditure-**General**): Rs. 531000/-

7. While providing operational flexibility among various subheads under head : General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. The Sanction has been issued under the powers delegated to the Science and Engineering Research Board and with the concurrence of Programme Coordinator vide sanction number **SERB/F/2064/ 2012-13 dated 10.07.2012 .**

9. The Institute will furnish to SERB, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of SERB.

11. The Institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to SERB. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

12. As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority / audit whenever the Institute is called upon to do so.


13. As this is the first grant being released for the project, no previous UC is required.


(R K Joshi)
Scientist C

Copy forwarded for information and necessary action to: -

Copy forwarded for information and necessary action to: -

1. The pay & Accounts officer, Science & Engineering Research Board (SERB), New Delhi.
2. Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, SERB, Cash Section.
3. SERB Secretariat
4. Dr. Sachin A. Joshi,
Research Scientist,
Dr. K. C. Patel R & D Centre,
Charotar University of Science and Technology,
(CHARUSAT), Changa,
Anand-388421 (Gujarat)
5. The Registrar,
Charotar University of Science and Technology,
(CHARUSAT), Changa,
Anand-388421 (Gujarat)
6. File Copy - 2 Nos.


(R.K. Joshi)
Scientist -C

NO. SB/FT/LS-133/2012
SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
 Vasant Square Mall
 Plot No. A, Community Centre
 Sector-5, Pocket-5, Vasant Kunj
 New Delhi-110070

Dated: 11 March 2016

ORDER

Subject :- Financial assistance for the research project entitled " Role of adipose in ethanol-induced tissue injury" by **Dr. Palash Mandal, Deptt. of Biological Sciences, P.D. Patel Institute of Applied Sciences, CHAROTAR University of Science & Technology, Changa, Anand District-388421, Gujarat-Transfer of Project & Release of grant.**

In partial modification of SERB Sanction order SB/FT/LS-133/2012 dated 25 April, 2013, the approval of the **Science & Engineering Research Board (SERB)** is hereby accorded to the transfer of the above project from BITS-Pilani, Hyderabad to CHAROTAR University of Science & Technology, Anand with all asset/s procured in the project. The revised total allocation will be as under:

HEAD	Original Total Cost	Allocation for BITS-Pilani, Hyderabad	Allocation for CHARUSAT, Anand
Equipments: Real Time PCR, Table Top Centrifuge, Water Bath, Vertical electrophoresis system	11,00,000	11,00,000	Nil
A Total (Capital) Non recurring	11,00,000	11,00,000	Nil
Recurring-A' Manpower, Consumables, Travel, Contingency(including analytical charges)	11,00,000	5,69,662	5,30,338
Recurring-B' Over Head Charges	3,00,000	2,11,452	88,548
B Total (Recurring(A'+ B'))	14,00,000	7,81,114	6,18,886
Total Cost of the Project (A+B)	25,00,000	18,81,114	6,18,886

2. The revised total cost of project at CHAROTAR University of Science & Technology, Anand would be Rs. 6,18,886/- and the project duration is till 24 July, 2016..

3. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/7779/2015-16 dated 08.02.2016 .

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

5. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

6. While providing operational flexibility among various subheads under head Recurring-A', it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

Contd...2/-

3.1.3

2016-17


10. The total release amount of **Rs. 3,00,000/- (Rs.Three Lakh Only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	State Bank of India, CHAROTAR University of Science & Technology, Changa, Anand
IFSC/RTGS Code	SBIN0010961

11. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

12. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring **"FUND FOR SCIENCE AND ENGINEERING RESEARCH"** payable at New Delhi.

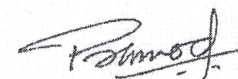
13. As this is the first grant to the institute no previous Utilization Certificate is required.


(Dr. Pramod Kumar Prasad)
Scientist - C

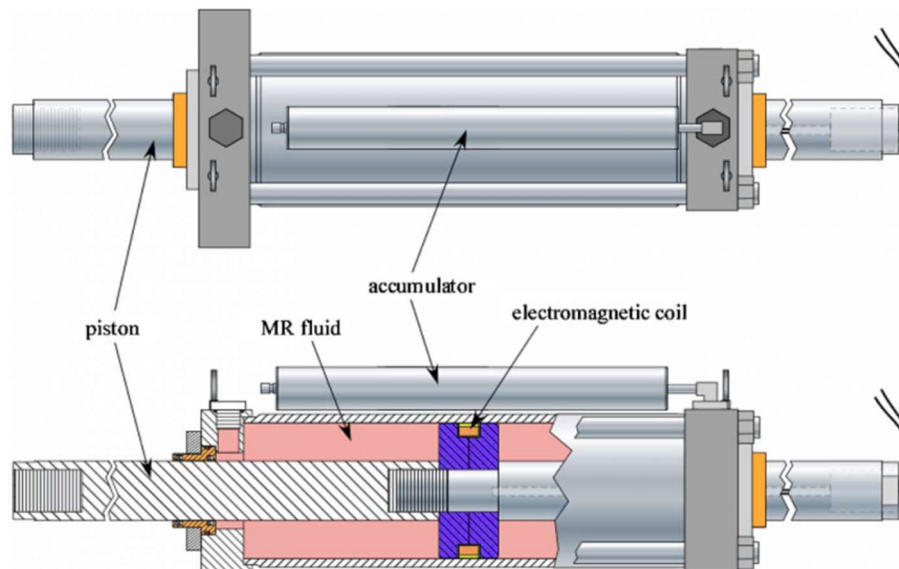
**To, Finance & Budget Officer
SERB, New Delhi**

For information and necessary action to: -

1	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2	Sanction Folder, SERB, New Delhi.
3	File Copy
4.	Dr. Palash Mandal Deptt. of Biological Sciences P.D.Patel Institute of Applied Sciences CHAROTAR University of Science & Technology Changa Anand District-388421 Gujarat Email - palash73@hotmail.com The grant transfer details along with transaction no. will be intimated to the above email.
5.	Registrar CHAROTAR University of Science & Technology Changa Anand District-388421 Gujarat
6.	Director BITS-PILANI Hyderabad Campus Jawahar Nagar, Shameerpet Mandal Ranga Reddy District Hyderabad-500078


(Dr. Pramod Kumar Prasad)
Scientist - C

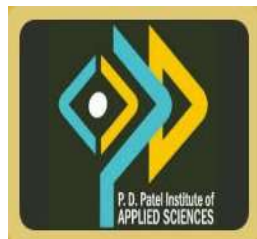
PROJECT PROPOSAL
OF
INDUSTRIAL RESEARCH PROJECT
**MR-FLUID SYNTHESIS AND CHARACTERIZATION FOR
DAMPER APPLICATIONS**



Submitted to

INDUSTRIAL METAL POWDERS (I) PVT. LTD.

KOREGAO BHIMA, TAL SHIRUR, DIST PUNE, INDIA



P. D. Patel Institute of Applied Sciences

Charotar University of Science and Technology (CHARUSAT)

Changa 388421, Anand District, GUJARAT

www.charusat.ac.in

Proposal
Number

Date of receipt:

APPLICATION FOR RESEARCH GRANT**SECTION – A:SUMMARY OF PROPOSED RESEARCH PROJECT****1. Title of research grant****MR-FLUID SYNTHESIS AND CHARACTERIZATION FOR DAMPER
APPLICATIONS****2. Provide the outline of your Proposed Solution (Abstract)**

- To Develop and characterize magnetorheological fluid for MR-damper applications.
- Thorough testing of all magnetic, rheological, and other properties of MR fluid and compare with LORD's fluids.
- To prepare specification sheet for different MR fluids for commercialization.
- To develop prototype MR damper

3. Project Duration**SIX month****4. Provide a concise background to the project high lightening the problems to be addressed**

The major aim of the proposed project is to synthesis MR fluids for Damper. The innovative elements of the project are

- Design of process parameters to synthesize low sedimentation rate MR fluids.
 - Prototype MR damper for washing machine application

5. Define the specific research activities to be pursued during Project Period

1. Pilot synthesis of product.
2. Final protocol of synthesis
3. To develop prototype damper.

6. Provide a comprehensive description of techniques to be used

This is patentable so details are not disclosed. The testing of the materials will be as per the ASTM protocol.

7. Advantages of suggested Methodological approach

1. Cost effective
2. Unique synthesis technique reduces production cost.
3. Commercially viable.

8. List the

- Available resources
 1. PDPIAS lab facilities
 2. The basic required Glassware and other facilities
- Needed Resources
 1. One testing equipments.

9. Beneficiary of the Project Research Project

Automobile industries
 Damper and shaft seal applications.
 Other commercial and academic purpose.

10. Briefly describe the technical Deliverables

Product for market.
 Technology transfer and patent

SECTION B: PERFORMA OF EVALUATION

Sr. No.	Criteria	Remarks
1	Work proposed is original	Yes
2	Useful to the state/university	Yes
3	Such proposed research work is going elsewhere or not	No
4	Possibility of commercialization	Yes
5	Possibility of further research	Yes
6	Financial assistance asked is justified	Yes
9	Any other Comments	No

SECTION –C: PARTICIPATING RESEARCHERS AND THEIR ROLES

- Name of the investigator

Name	Professor R V Upadhyay
Institute Name	PDPIAS
Qualification	Ph.D
Designation	Principal Investigator
Contact	09427215242
Email	rvu.as@charusat.ac.in

- Industrial Collaborator

Name	Mr Prakash Dhoka
Institute Name	Industrial Metal Powders (India) Pvt. Ltd.
Qualification	Metallurgist
Designation	MD
Contact	09822026631
Email	prakash_dhoka@imp-india.com

SECTION –E: TENTATIVE BUDGET SUMMARY

1. Tentative budget Summary

Sr.No	ITEM	Univ/Project Share	Industry Share
1	Permanent Equipments	03.00	12.00
2	Consumables	02.00	00.00
3	Contingency	01.00	00.00
4.	Other Costs (outsourcing, Fabrication, Testing, Patents, etc.)	03.00	00.00
5.	Travel	01.00	00.00
Total		10.00	12.00

Please give the justification for each.

Equipments: The testing of MR damper.

Consumables: Chemicals and raw materials for synthesis.

Contingency: The amount is needed to pay testing charges for damper verification and authentication.

Mr. Prakash Dhoka
MD, IMP, Pune

Professor R V Upadhyay
PI, PDPIAS

HEMANT PATIL <hemant_patil@imp-india.com>

May 28,
2015, 5:22
PM

to Rakesh, me, ratan_oswal, pkd

Dear Sir

Cheque deposited of Rs. 12,00,000/- is debited to our account today (28th May 2015).

Kindly check at your end & confirm receipt of payment.

Thanks & Regards.

Hemant Patil

INDUSTRIAL METAL POWDERS (INDIA) PVT LTD

Direct Tel : + 91 2137 667904

Mobile : + 91 83088 12412



Rakesh Dave <rakeshdave.bt@charusat.ac.in>

May 30,
2015, 9:44
AM

to ratan_oswal, pkd, HEMANT, me

Dear Sir

Greetings

We have received the credit of Rs. 12 lacs in CHARUSAT bank account (same has been confirmed by our Accounts department).

This is for your information and record.

THE VALLABH VIDYANAGAR
COMM. CO-OP BANK LTD.
VALLABH VIDYANAGAR-388120.
GUJ/SOS/AUTH/VI 184/2007

भारत 79676 111056 SPECIAL ADHESIVE गुजरात 17
MAY 18 2015
10:31
R.0000100/- P86546
INDIA STAMP DUTY GUJARAT

Memorandum of Understanding

THIS Memorandum of Understanding is made on the 19th day of May, 2015 between:-

- (A) P.D. Patel Institute of Applied Sciences (PDPIAS), a constituent of Charotar University of Science and Technology,(CHARUSAT) whose registered office is at CHARUSAT Campus, Changa – 388421, Dist. Anand, Gujarat, India; (hereinafter referred to as the “CHARUSAT”) and
- (B) Industrial Metal Powders (India) Pvt. Ltd., a unit established and governed by the laws of the Republic of India and whose registered office is at Gat. No. 699/1, Koregaon Bhima, Behind Kalyani Forge, Tal. Shirur, Dist. Pune-412 216, India (hereinafter referred to as the “Industry”)

Both the parties have the intention of undertaking a research project leading to development of commercialization of Magnetorheological fluids for damper applications. This will be an extension of the project sanctioned to PDPIAS by Department of Science & Technology, Govt. Of India, New Delhi entitled “Ferrofluid: S & T Applications”. This project will be carried out at PDPIAS, CHARUSAT, Changa and Industrial Metal Powders (India) Pvt. Ltd, Pune.

Ramdas *MS*

NOW IT IS HEREBY AGREED THAT:**1. INTELLECTUAL PROPERTY RIGHTS:**

Any know-how, discovery or patentable invention generated as a result of this project will be the joint property of CHARUSAT, Changa and the Industry. If such discovery is patentable, the patents will be jointly filed by CHARUSAT and the Industry. Terms and conditions regarding licensing of these rights for commercialization shall be governed by a separate agreement.

2. CONFIDENTIALITY OBLIGATION:

Each party shall keep confidential and not use for any purpose, not contemplated hereunder, all proprietary information disclosed by the other party, directly or indirectly. Any discoveries, inventions or know-how resulting from the project shall be kept confidential for a period of Five (5) years from the date of termination of this Agreement, except as authorized in writing by other parties or provided herein.

3. INDUSTRIAL CONTRIBUTION:

The industrial contribution to be paid for this project are to be made as defined in the project proposal, through a demand draft / crossed valid cheque, drawn in favor of CHARUSAT, and sent to the address overleaf.

4. LIABILITY:

CHARUSAT shall not be held liable for any loss, damage, delay or failure of performance, resulting directly or indirectly from any cause, which is beyond its reasonable control (Force Majeure). The liability of CHARUSAT shall be limited to the funds received for the project.

5. DISPUTE AND SETTLEMENT:

The parties shall use their best endeavors to settle any dispute or claim to arise out of or relating to the Agreement, in supplemental agreements and their attachments thereto through amicable discussions. If not amicably settled within sixty (60) days of the dispute or claim to arise, such dispute or claim shall be decided by a panel of three (3) Arbitrators in accordance with the provisions of the Indian Arbitration & Conciliation Act, 1996. The parties agree that the decision of the majority of the Arbitrators so appointed shall be final and binding upon the parties.



6. PROJECTS FOR OTHER CLIENTS:

CHARUSAT may normally undertake other projects in the same field provided - to the best of CHARUSAT's knowledge and belief - there exists no danger of information of a confidential nature coming into hands of a third party. Any agreement to restrict CHARUSAT from undertaking similar projects during or after the life of the project shall be covered by a separate contract.

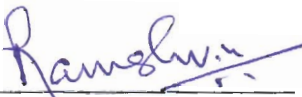
7. OTHERS:

- (i) At the end of the Project, a final report will be presented together with a know-how transfer.
- (ii) Neither party shall be using the name or trademark of the other party, for advertising purposes. However, "CHARUSAT" has the right to publish the existence of this Agreement in its normal listing of "CHARUSAT," research and Consultancy activities.

The validity of this MOU shall be for a period of 3 years from the date of signing, however this can be altered by mutual agreement.


The above terms and conditions will apply to the projects taken up by PDPIAS, CHARUSAT, unless otherwise mutually agreed to in a separate document approved by CHARUSAT.

For P D Patel Institute of Applied Sciences


 Professor R V Upadhyay
 Dean,
 Faculty of Applied Sciences,
 CHARUSAT

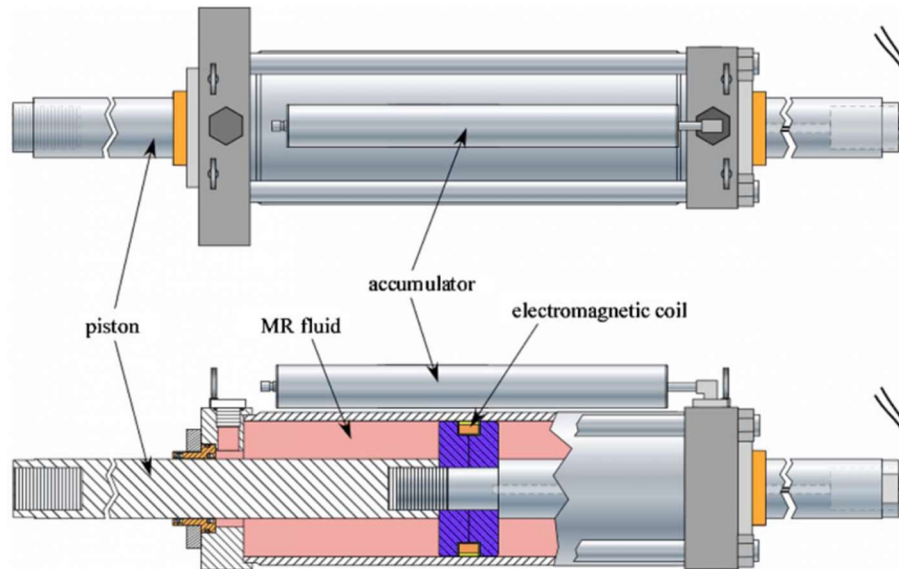


For Industrial Metal Powders (India) Pvt. Ltd.


 Prakash Dhoka
 MD, IMP.

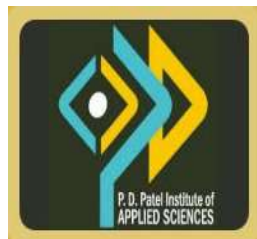


PROJECT PROPOSAL
OF
INDUSTRIAL RESEARCH PROJECT
**MR-FLUID SYNTHESIS AND CHARACTERIZATION FOR
DAMPER APPLICATIONS**



Submitted to

INDUSTRIAL METAL POWDERS (I) PVT. LTD.
KOREGAO BHIMA, TAL SHIRUR, DIST PUNE, INDIA



P. D. Patel Institute of Applied Sciences
Charotar University of Science and Technology (CHARUSAT)
Changa 388421, Anand District, GUJARAT
www.charusat.ac.in

Proposal
Number

Date of receipt:

APPLICATION FOR RESEARCH GRANT**SECTION – A:SUMMARY OF PROPOSED RESEARCH PROJECT****1. Title of research grant**

**MR-FLUID SYNTHESIS AND CHARACTERIZATION FOR DAMPER
APPLICATIONS**

2. Provide the outline of your Proposed Solution (Abstract)

- To Develop and characterize magnetorheological fluid for MR-damper applications.
- Thorough testing of all magnetic, rheological, and other properties of MR fluid and compare with LORD's fluids.
- To prepare specification sheet for different MR fluids for commercialization.
- To develop prototype MR damper

3. Project Duration**SIX month****4. Provide a concise background to the project high lightening the problems to be addressed**

The major aim of the proposed project is to synthesis MR fluids for Damper. The innovative elements of the project are

- Design of process parameters to synthesize low sedimentation rate MR fluids.
 - Prototype MR damper for washing machine application

5. Define the specific research activities to be pursued during Project Period

- 1. Pilot synthesis of product.**
- 2. Final protocol of synthesis**
- 3. To develop prototype damper.**

6. Provide a comprehensive description of techniques to be used

This is patentable so details are not disclosed. The testing of the materials will be as per the ASTM protocol.

7. Advantages of suggested Methodological approach

- 1. Cost effective**
- 2. Unique synthesis technique reduces production cost.**
- 3. Commercially viable.**

8. List the

- Available resources**
 - 1. PDPIAS lab facilities**
 - 2. The basic required Glassware and other facilities**
- Needed Resources**
 - 1. One testing equipments.**

9. Beneficiary of the Project Research Project

Automobile industries
Damper and shaft seal applications.
Other commercial and academic purpose.

10. Briefly describe the technical Deliverables

Product for market.
Technology transfer and patent

SECTION B: PERFORMA OF EVALUATION

Sr. No.	Criteria	Remarks
1	Work proposed is original	Yes
2	Useful to the state/university	Yes
3	Such proposed research work is going elsewhere or not	No
4	Possibility of commercialization	Yes
5	Possibility of further research	Yes
6	Financial assistance asked is justified	Yes
9	Any other Comments	No

SECTION –C: PARTICIPATING RESEARCHERS AND THEIR ROLES

- **Name of the investigator**

Name	Professor R V Upadhyay
Institute Name	PDPIAS
Qualification	Ph.D
Designation	Principal Investigator
Contact	09427215242
Email	rvu.as@charusat.ac.in

- **Industrial Collaborator**

Name	Mr Prakash Dhoka
Institute Name	Industrial Metal Powders (India) Pvt. Ltd.
Qualification	Metallurgist
Designation	MD
Contact	09822026631
Email	prakash_dhoka@imp-india.com

SECTION –E: TENTATIVE BUDGET SUMMARY**1. Tentative budget Summary**

Sr.No	ITEM	Univ/Project Share	Industry Share
1	Permanent Equipments	03.00	12.00
2	Consumables	02.00	00.00
3	Contingency	01.00	00.00
4.	Other Costs (outsourcing, Fabrication, Testing, Patents, etc.)	03.00	00.00
5.	Travel	01.00	00.00
Total		10.00	12.00

Please give the justification for each.

Equipments: The testing of MR damper.

Consumables: Chemicals and raw materials for synthesis.

Contingency: The amount is needed to pay testing charges for damper verification and authentication.

Mr. Prakash Dhoka
MD, IMP,Pune

Professor R V Upadhyay
PI, PDPIAS

HEMANT PATIL <hemant_patil@imp-india.com>

May 28,
2015, 5:22
PM

to Rakesh, me, ratan_oswal, pkd

Dear Sir

Cheque deposited of Rs. 12,00,000/- is debited to our account today (28th May 2015).

Kindly check at your end & confirm receipt of payment.

Thanks & Regards.

Hemant Patil

INDUSTRIAL METAL POWDERS (INDIA) PVT LTD

Direct Tel : + 91 2137 667904

Mobile : + 91 83088 12412



Rakesh Dave <rakeshdave.bt@charusat.ac.in>

May 30,
2015, 9:44
AM

to ratan_oswal, pkd, HEMANT, me

Dear Sir

Greetings

We have received the credit of Rs. 12 lacs in CHARUSAT bank account (same has been confirmed by our Accounts department).

This is for your information and record.

THE VALLABH VIDYANAGAR
COMM. CO-OP BANK LTD.
VALLABH VIDYANAGAR-388120.
GUJ/SOS/AUTH/VI 184/2007

भारत 79676 SPECIAL ADHESIVE गुजरात
111056 MAY 18 2015
0000 0000 0000 0000 0000 0000 10:31
R.0000100/- P86546
INDIA STAMP DUTY GUJARAT

Memorandum of Understanding

THIS Memorandum of Understanding is made on the 19th day of May, 2015 between:-

- (A) P.D. Patel Institute of Applied Sciences (PDPIAS), a constituent of Charotar University of Science and Technology, (CHARUSAT) whose registered office is at CHARUSAT Campus, Changa – 388421, Dist. Anand, Gujarat, India; (hereinafter referred to as the “CHARUSAT”) and
- (B) Industrial Metal Powders (India) Pvt. Ltd., a unit established and governed by the laws of the Republic of India and whose registered office is at Gat. No. 699/1, Koregaon Bhima, Behind Kalyani Forge, Tal. Shirur, Dist. Pune-412 216, India (hereinafter referred to as the “Industry”)

Both the parties have the intention of undertaking a research project leading to development of commercialization of Magnetorheological fluids for damper applications. This will be an extension of the project sanctioned to PDPIAS by Department of Science & Technology, Govt. Of India, New Delhi entitled “Ferrofluid: S & T Applications”. This project will be carried out at PDPIAS, CHARUSAT, Changa and Industrial Metal Powders (India) Pvt. Ltd, Pune.

[Handwritten signatures]

NOW IT IS HEREBY AGREED THAT:

1. INTELLECTUAL PROPERTY RIGHTS:

Any know-how, discovery or patentable invention generated as a result of this project will be the joint property of CHARUSAT, Changa and the Industry. If such discovery is patentable, the patents will be jointly filed by CHARUSAT and the Industry. Terms and conditions regarding licensing of these rights for commercialization shall be governed by a separate agreement.

2. CONFIDENTIALITY OBLIGATION:

Each party shall keep confidential and not use for any purpose, not contemplated hereunder, all proprietary information disclosed by the other party, directly or indirectly. Any discoveries, inventions or know-how resulting from the project shall be kept confidential for a period of Five (5) years from the date of termination of this Agreement, except as authorized in writing by other parties or provided herein.

3. INDUSTRIAL CONTRIBUTION:

The industrial contribution to be paid for this project are to be made as defined in the project proposal, through a demand draft / crossed valid cheque, drawn in favor of CHARUSAT, and sent to the address overleaf.

4. LIABILITY:

CHARUSAT shall not be held liable for any loss, damage, delay or failure of performance, resulting directly or indirectly from any cause, which is beyond its reasonable control (Force Majeure). The liability of CHARUSAT shall be limited to the funds received for the project.

5. DISPUTE AND SETTLEMENT:

The parties shall use their best endeavors to settle any dispute or claim to arise out of or relating to the Agreement, in supplemental agreements and their attachments thereto through amicable discussions. If not amicably settled within sixty (60) days of the dispute or claim to arise, such dispute or claim shall be decided by a panel of three (3) Arbitrators in accordance with the provisions of the Indian Arbitration & Conciliation Act, 1996. The parties agree that the decision of the majority of the Arbitrators so appointed shall be final and binding upon the parties.



6. PROJECTS FOR OTHER CLIENTS:

CHARUSAT may normally undertake other projects in the same field provided - to the best of CHARUSAT's knowledge and belief - there exists no danger of information of a confidential nature coming into hands of a third party. Any agreement to restrict CHARUSAT from undertaking similar projects during or after the life of the project shall be covered by a separate contract.

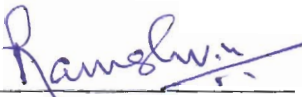
7. OTHERS:

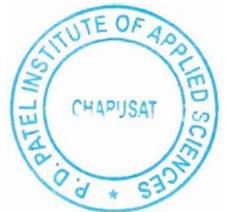
- (i) At the end of the Project, a final report will be presented together with a know-how transfer.
- (ii) Neither party shall be using the name or trademark of the other party, for advertising purposes. However, "CHARUSAT" has the right to publish the existence of this Agreement in its normal listing of "CHARUSAT," research and Consultancy activities.

The validity of this MOU shall be for a period of 3 years from the date of signing, however this can be altered by mutual agreement.

The above terms and conditions will apply to the projects taken up by PDPIAS, CHARUSAT, unless otherwise mutually agreed to in a separate document approved by CHARUSAT.

For P D Patel Institute of Applied Sciences


Professor R V Upadhyay
Dean,
Faculty of Applied Sciences,
CHARUSAT



For Industrial Metal Powders (India) Pvt. Ltd.


Prakash Dhoka
MD, IMP.

